



AMALA COLLEGE OF NURSING

(An undertaking of Amala Cancer Hospital Society)

Amala Nagar P.O., Thrissur-680 555, Kerala, India.

Website : www.amalanursingcollege.org

First Cycle NAAC Accreditation 2022

Criterion 3

Research, Innovations and Extension

3.2. Innovation Ecosystem

3.2.1 Details of collaborative incubation centre

Submitted to



THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INCUBATION CENTRE



MEMORANDUM OF UNDERSTANDING

BETWEEN

AMALA COLLEGE OF NURSING, THRISSUR, KERALA

AND

CHRIST COLLEGE OF ENGINEERING, IRINJALAKKUDA, KERALA

On
28th October, 2019

Initial

First Party *lgan*

Second Party *[Signature]*



This Memorandum of Understanding (MoU) is made

On this day 28th October, 2019

BETWEEN

Amala College of Nursing, Thrissur, a self financing higher education institution for nursing education established in 2005 and managed by CMI, Devamatha Province. The college is recognized by Indian Nursing Council, Kerala Nurses and Midwives Council and is affiliated to Kerala University of Health Sciences. The college offers B.Sc. Nursing and M.Sc. Nursing programme and is a university recognized Ph.D. study centre. Amala College of Nursing hereinafter referred to as ("First Party") through its representative duly authorized by the Principal having its office at Amala Campus, Amala Nagar P. O, Thrissur.

AND

Christ College of Engineering, Irinjalakkuda, Thrissur a higher education institution for Engineering studies established in 2015 and managed by Christ educational and charitable trust under CMI congregation of Devamatha Province. The college is recognized by AICTE and affiliated to APJ Abdul Kalam Technological University. The college offers B.Tech programmes and a recognized centre for IEDC project. Christ College of Engineering herein after referred to as ("Second Party) through its representative duly authorized by the Executive Director having its office at Christ College of Engineering, Irinjalakkuda.

Initial

First Party 

Second Party 



WHEREAS

- A. First party is a higher education institution in nursing with 200 UG students, 26 PG students and part time and full time Ph.D. students. First party is doing several research studies and intend to develop new health care machines and technology.
- B. Second party is a higher education institution in Engineering with annual intake of 300 UG students and is an accepted centre of IECD project. Second party is involved in several research project, software development and start up projects.
- C. The parties are desirous of entering into this MoU to declare their respective intentions and to establish a basis of co-operation and collaboration between the parties upon the terms as contained herein.

First party and Second party have reached an understanding as follows:

1. Objective:

The parties, subject to the terms of MoU and the laws, rules, regulations and national policies from time to time in force, will endeavour to strengthen, promote and develop co-operation between the parties on the basis of equality and mutual benefit. The main objective is to share knowledge and technology to develop research based medical and allied equipments.

2. Areas of co-operation:

- 2.1. Developing geriatric assistive devices based on research.
- 2.2. Developing softwares for enhancing research.
- 2.3. Technological help in developing nursing care equipments to patients and care settings.

Initial

First Party 

Second Party 



- 2.4. Collaborate with IEDC of second party to develop start up community.
- 2.5. Develop an incubation centre in the campus of first party with the technical help of second party.
- 2.6. Academic and research methodology sharing between first party and second party.

3. Financial arrangements:

- 3.1. This MoU will not give rise to any financial obligation by one party to the other.

4. Confidentiality

- 4.1. Each Party shall undertake to observe the secrecy of confidential information received from or supplied to the other parties during the period of implementation of this MoU or other agreements made pursuant to this MoU.
- 4.2. For purposes of this MoU, "confidential information" means any information whether prior to or hereinafter disclosed by a Party (the Disclosing Party) to the other parties (the receiving party) of this MoU involving technical, business, marketing, policy, knowhow, planning, project management and other information, data and/or solutions in any form, including but not limited to any information which is designated in writing to be confidential or by its nature intended to be for the knowledge of the receiving party or if orally given, is given in the circumstances of confidence.
- 4.3. All parties agree that the provisions of this clause shall continue to be binding between the Parties notwithstanding the termination of this MoU.

Initial

First Party 

Second Party



5. Intellectual property rights:

- 5.1. The intellectual property rights shall be enforced in conformity with the respective national laws, rules and regulations of the parties.
- 5.2. Equal weightage will be given to both parties for patenting of new outcome of this MoU.
- 5.3. For publications of any articles related to the work under this MoU, the authorship will be decided based on the gravity of work of involved persons and also based on the common consensus between parties.
- 5.4. The use of name, logo and / or official emblem of any of the parties on any publication, document and / or paper is prohibited without the prior written approval of either party.

6. Effect of MoU

This MoU serves only as a record of the Parties' intentions and does not constitute, and is not intended to constitute or create, obligations under domestic or international law and will not give rise to any legal process and will not be deemed to constitute or create any legally binding or enforceable obligations, express or implied.

7. No agency

Nothing contained herein shall be construed so as to constitute a joint venture partnership or formal business organization of any kind between the parties or so to constitute either party as the agent of the other.

8. Entry into effect and duration

- 8.1. This MoU will come into effect on the date of signing and will remain in effect for a period of three (3) year.
- 8.2. This MoU may be extended for a further period as may be agreed in writing by the Parties.

First Party *Agid*

Initial

Second Party



9. Revision, variation, amendment and termination

- 9.1. Any party may request in writing a revision, variation or amendment of this MoU.
- 9.2. Any such revision, variation or amendment agreed to by the Parties shall be in writing and shall form part of this MoU.
- 9.3. Such revision, variation or amendment shall come into force on such date as may be determined by the parties.
- 9.4. Any party may terminate this MoU by giving six (6) months advance notice in writing to the other party.
- 9.5. Any revision, variation, amendment, termination or expiration shall not prejudice the implementation of any project, activity or cooperation arising from or based on this MoU before or up to the date of such revision, variation or amendment.

10. Super vening events


- 10.1.1. Notwithstanding sub-clause 9.1, should any other event occur which hinders or restricts the implementation of this MoU, the parties shall use their best endeavour to agree upon such action, as may be necessary and equitable, to remove the cause of such event.

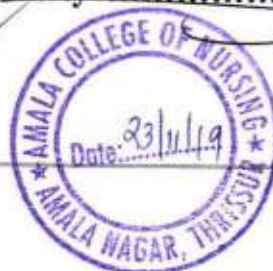
11. Settlement of disputes

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

Initial

First Party 

Second Party 



12. Competent authorities

The authorities responsible for the fulfillment of this MoU are the Principal of first party and Executive Director of Second Party.

13. Notices

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

To : Principal
Address : Amala College of Nursing, Amala Nagar, Thrissur
Attn. to : Principal
Tel No. : 9446606101
Fax. No. : 0487-2307574
E-mail : rajeereghunath@gmail.com

To : Executive Director
Address : Christ College of Engineering, Irinjalakuda
Attn. to :
Tel No. :
Fax. No. :
E-mail :

First Party *lgem*

Initial

Second Party *[Signature]*



13.2. It shall be the duty of the parties to notify the other if there is a change of address or entity by giving a written notice within fourteen (14) days.

The foregoing record represents the understanding reached between first party and second party upon the matters referred to therein.

IN WITNESS WHEREOF this MoU has been duly signed in duplicate at Amala College of Nursing, Thrissur on this 28th day of October in the year 2019 in two (2) original texts in the English language, all texts being equally authentic.

Signed for and on behalf of
Amala College of Nursing, Thrissur

lgan
Dr. Rajee Reghunath
Principal

Prof. Dr. RAJEE REGHUNATH
PRINCIPAL
AMALA COLLEGE OF NURSING
NAGAR PO., THRISSUR-680



Signed for and on behalf of
Christ College of Engineering, Irinjalakuda

[Signature]
Fr. John Paliakara CMI
Executive Director



In the presence of

[Signature]
04/12/2019
Dr. Jayathish P.S.C

In the presence of

[Signature]
Dr. Sajeev John

First Party *lgan*

Initial

Second Party *[Signature]*



ACON CHRIST COLLABORATIVE HEALTH TECHNOLOGY INCUBATION CENTRE

Description of innovation Eco System

Amala College of Nursing is going to make a revolutionary progress in field of promoting entrepreneurship by starting an innovation eco system and partnering with Christ college of engineering and to share the incubation centre facilities with Christ college of engineering .

Objectives of ACONChrist collaborative health technology incubation centre

1. To encourage and promote innovative solutions for nursing care issues in all specialities with the special emphasis on geriatrics
2. To partner with Christ college of engineering by sharing innovative ideas and developing technological solutions for nursing care issues.
3. To develop innovative economic and eco friendly and user friendly nursing care devices and technologies
4. to develop partnership with kerala startup mission to develop a health care incubation centre.



A handwritten signature in green ink, appearing to be "Lgma", written over a diagonal line.

A handwritten signature in black ink, appearing to be "Agan", written over a diagonal line.



AMALA COLLEGE OF NURSING

(An undertaking of Amala Cancer Hospital Society)

Amala Nagar P.O., Thrissur-680 555, Kerala, India.

REPORT ON INVENTION OF ROBOTIC DEVICE IN COLLABORATION WITH CHRIST COLLEGE OF ENGINEERING, IRINJALAKUDA

The Nightingale
Robot-Arogya Mithra

Amala College of Nursing 2nd year B.Sc. students in collaboration with students and faculty of Christ College of Engineering, Irinjalakuda participated in science expo held on 02.04.2022 and 03.04.2022 organized by CPIM party congress at Dharmashala, Kannur. During the expo we displayed our collaborative robotic device developed as a part of MOU. This invention seems to be a milestone achievement in the history of our college. This robotic device featured for medical purpose, its working under remote control, fully GPS programmed with reusable battery charging facility, for controlling - it has a 360° CCTV camera attached to a minitab for visualization. It works in power of 12 volts, smoothly works in flat surface with a sensor to identify obstruction. Main purpose of this inventive device is for transportation of medicine, linen, food, monitoring of patient, especially focused for isolation wards. 10 other colleges participated in the expo with variety of innovative products. Budgetary expense around 75,000/- spend for the product generation. Amala College of Nursing is privileged to be the part of MOU for the creation and utilization of incubation center with Christ College of Engineering, Irinjalakuda.



12/4/22



INNOVATION ECOSYSTEM –PROJECT INITIATION BY VISIT TO CHRIST ENGINEERING COLLEGE
BY AMALA COLLEGE OF NURSING FACULTY



lgm

ACON CHRIST COLLABORATIVE HEALTH TECHNOLOGY INCUBATION CENTRE

Description of innovation Eco System

Amala College of Nursing is going to make a revolutionary progress in field of promoting entrepreneurship by starting an innovation eco system and partnering with Christ college of engineering and to share the incubation centre facilities with Christ college of engineering .

Objectives of ACONChrist collaborative health technology incubation centre

1. To encourage and promote innovative solutions for nursing care issues in all specialities with the special emphasis on geriatrics
2. To partner with Christ college of engineering by sharing innovative ideas and developing technological solutions for nursing care issues.
3. To develop innovative economic and eco friendly and user friendly nursing care devices and technologies
4. to develop partnership with kerala startup mission to develop a health care incubation centre.



Handwritten signature in green ink.



AMALA COLLEGE OF NURSING

(An undertaking of Amala Cancer Hospital Society)

Amala Nagar P.O., Thrissur-680 555, Kerala, India.

REPORT ON MOU WITH CHRIST COLLEGE OF ENGINEERING

Amala college of nursing in collaboration with christ college of engineering has made an Mou. Student exchange was done with christ engineering college. Students and faculty from our college presented innovated ideas and discussion were made with faculty and students of engineering college. Students also got an opportunity to visit the lab facilities of various branches like mechanical, electrical, electronics departments etc. in the campus. It was a great exposure for both faculty and students.



1985




Signature of HOD


Signature of Principal





19/11



AMALA COLLEGE OF NURSING

(An undertaking of Amala Cancer Hospital Society)

Amala Nagar P.O., Thrissur-680 555, Kerala, India.

INNOVATION COMMITTEE

Report on student exchange

As part of Research Innovation ecosystem student exchange was done with christ engineering college. Students and faculty from our college presented innovated ideas and discussion were made with faculty and students of engineering college. Students also got an opportunity to visit the lab facilities in the campus. It was a great exposure for both faculty and students.



Latitude: 10.358759
Longitude: 76.210069
Accuracy: 1500.0m
Time: 01-12-2021 11:24
Note: presentation



Ignatius



[Handwritten signature]



Agar



Latitude: 10.562682
Longitude: 76.168049
Accuracy: 1700.0m
Time: 08-12-2021 14:47
Note: project follow up with crisis

Report





AMALA COLLEGE OF NURSING, THRISSUR

IOAC Amala College of Nursing, In collaboration with Christ College of Engineering, Irinjalakkuda

Webinar on Introduction to Medical Robotics



Expert Speaker



Dr. Sunil Paul
Director

Christ Centre for Innovation and Open
Learning, Irinjalakkuda

Date: 14 February 2022

Time : 6.00 p.m. to 7.30 p.m.

kgm

AMALA COLLEGE OF NURSING, THRISSUR

In Collobaration with

Christ College of Engineering, Irinjalakuda

Webinar on Introduction to Medical Robotics

On 14th February 2022

Time: 6.00 p.m. to 7.30 p.m.

Platform: Zoom

Silent Prayer :

Welcome Address : *Dr. Rajee Raghunath*
Principal
Amala College of Nursing

Expert Session : *Mr. Sunil Paul*
Director
Christ Centre for Innovation and open learning
Christ College of Engineering
Irinjalakkuda

Vote Thanks : *Ms. Albrit J Vadakkan*
Lecturer
Amala College of Nursing

19/02/22



MoU Visit – Christ Engineering College, Irinjalakkuda



Igni

Amala Nursing College is inviting you to a scheduled Zoom meeting.

Topic: Idea brainstorm meeting

Time: May 5, 2021 03:00 PM India

Join Zoom Meeting

<https://zoom.us/j/98186828986?pwd=MHV4UnF0Y2VzZGdBcHpjUTFMWEluQT09>

Meeting ID: 981 8682 8986

Passcode: 152367

One tap mobile

+13126266799,,98186828986#,,,,*152367# US (Chicago)

+13462487799,,98186828986#,,,,*152367# US (Houston)

Dial by your location

+1 312 626 6799 US (Chicago)

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

+1 929 205 6099 US (New York)

+1 253 215 8782 US (Tacoma)

+1 301 715 8592 US (Washington DC)

Meeting ID: 981 8682 8986

Passcode: 152367

Find your local number: <https://zoom.us/u/atQYLjlaq>

Agan



Amala College of Nursing, Thrissur



IQAC & Innovation Cell

Invites your ideas



Brain Storm Week for Faculty

Submit your ideas on
Medical Device Development

on or before 12.11.2021 @ Principal's Office

A TECHNICAL
DISCUSSION

DEC 1ST, 2021
ST. MARY'S BLOCK

STUDENT EXCHANGE PROGRAM

IN ASSOCIATION WITH AMALA COLLEGE OF NURSING, THRISSUR



AMALA COLLEGE OF NURSING

(An undertaking of Amala Cancer Hospital Society)

Amala Nagar P.O., Thrissur-680 555, Kerala, India.

Report of Gerontology ADD on Course

Amala College of nursing in collaboration with Christ College of Engineering and St.Thomas College organised Add on course –Gerontology. It was course conducted for a period of 6 weeks through online and offline platform. Experts for course were Dr.Aneesh, Dr.Praveen, Prof.Lakshmi G and Sr.Jyothish. Faculty and students from various colleges were the beneficiaries for the course. Course started from 23/11/21. The session dealt about physiological changes in elderly and challenges faced by geriatric population. In accordance the faculty/students from different Colleges had live discussion on the management aspect with new dimensions. The course enlightened the mind of participants to make provision for elderly a bright, happy future ahead.



AMALA COLLEGE OF NURSING, THRISSUR

*(An undertaking of Amala Cancer Hospital Society)
Affiliated to KUH S*



CERTIFICATE OF APPRECIATION

This is to certify that

**has successfully completed the add on the course on
"GERONTOLOGY"**

**held at the offline and online platform from 23/11/2021 to 29/11/2021
organized by the Department of Medical-Surgical Nursing,
Amala College of Nursing, Thrissur**

A handwritten signature in black ink, appearing to read 'Rajee Reghunath', is written over a horizontal line.

Dr. Rajee Reghunath

PRINCIPAL, AMALA COLLEGE OF
NURSING, THRISSUR