



**Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES**

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

MoE, UGC & AICTE Approved

NAAC A++ Accredited

**SDG - 3 Good Health & Well Being**

# **3 GOOD HEALTH AND WELL-BEING**



**REPORT**

### 3.2.1 Proportion of Graduates in Health Professions

During the Academic year 2023-24, in all the Undergraduate, Postgraduate and PhD Programs a total number of 2008 students were graduated and among which 629 students were from Health Professions.

Number of Total Graduates : **2008**

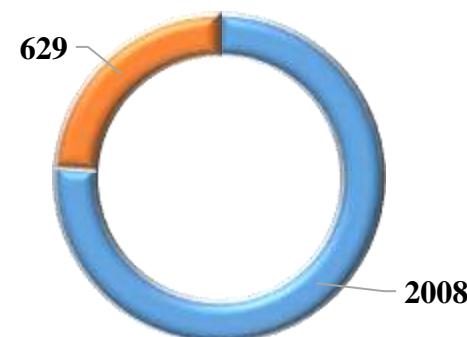
Number of Health Professions : **629**

Sl.No.	Name of the Program	No. of Students Graduated in 2023-24
1	B.Tech Biotechnology	95
2	M.Tech Biotechnology	14
3	M.Sc Biotechnology	14
4	PhD in Biotechnology	2
5	B.Tech Food Processing and Engineering	72
6	M.Tech Food Processing and Engineering	17
7	M.Sc Food Science and Technology	48
8	B.Tech Biomedical Engineering	36
9	M.Tech Biomedical Engineering	4
10	PhD in Biomedical Engineering	2
12	M.Sc Clinical Psychology	20
11	B.Sc Agriculture	290
12	M.Sc Agriculture	15
	Total	629

Percentage of Health Professionals during the Academic Year 2023-24 =

$$\frac{629}{2008} \times 100 = 31.32\%$$

**Propotion of Graduates in Health Profession**



 **Total Graduates**     **Health Profession**

### **3.3 Collaborations and health services**

#### **3.3.1 - Collaborations with local, national or global health institutions to improve health & wellbeing**

Karunya Institute of Technology and Sciences (KITS) has emerged as a catalyst for advancing health and well-being through meaningful collaborations with local, national, and global health institutions. These strategic partnerships are rooted in the university's vision of holistic development and its mission to serve humanity through innovation and compassion. By engaging in joint research, healthcare outreach programs, and community-based health initiatives, Karunya works to address pressing health challenges, promote preventive care, and improve access to quality healthcare. Through these sustained efforts, the institution continues to empower individuals and communities, contributing significantly to the overall well-being and sustainable development of society.

The Institution has established collaborations with esteemed institutions such as Transylvania University of Brasov, Romania; HLL Lifecare Limited, Thiruvananthapuram; Queen Mary University of London; EU Member States through the Erasmus+ program; ICAR - National Bureau of Agriculturally Important Microorganisms (NBAIM); and TMI Systems, Bangalore. These partnerships strengthen the university's interdisciplinary approach to research, innovation, and community engagement. Through joint projects, academic exchange, and technology-driven initiatives, KITS actively contributes to advancements in healthcare, life sciences, and sustainable development, fostering global learning and promoting health and well-being across diverse communities.

1. Transylvania University of Brasov, Romania
2. HLL Lifecare limited, Thiruvananthapuram
3. Queen Mary University of London
4. EU Member States (Erasmus +)
5. ICAR – National Bureau of Agriculturally Important Microorganisms (NBAIM)
6. TMI Systems, Bangalore

## 1. Transylvania University of Brasov, Romania



Transilvania  
University  
of Brasov



### GENERAL AGREEMENT FOR EDUCATION, SCIENTIFIC AND CULTURAL CO-OPERATION

between

The TRANSILVANIA UNIVERSITY of BRASOV

B-dul Eroilor 29, 500036 Brașov, Romania

represented by its **RECTOR**, Prof. dr. ing. Ioan Vasile ABRUDAN

and

Karunya Institute of Technology and Sciences

Coimbatore-641114, Tamilnadu, India

represented by its **REGISTRAR**, Dr. R. Elijah Blessing Vinoth

Convinced of the necessity of promoting and reinforcing the co-operation, the mutual exchange of information, the improvement of research and education programmes, and also the exchange of professors, researchers and students;

Desiring to establish and to promote regular relationships in scientific and cultural fields in an institutionalized framework,

have agreed as follows:



## I. GENERAL AGREEMENTS

### 1. Purpose of the co-operation

The purpose of the co-operation between the Transilvania University of Brasov, Romania and Karunya Institute of Technology and sciences, Coimbatore, India is to improve the scientific and educational level of the two Institutes, to promote and intensify the friendship and the mutual understanding between the people in general and the two Institutes in particular.

### 2. Fields of co-operation

Co-operation between the two Institutes concerns the entire area of education and research. The two parties shall conclude programme-agreements in order to provide for specific co-operation and exchange projects in particular fields.

### 3. General conditions of co-operation

Apart from the exchange of persons, no discrimination based on grounds of gender, birthplace, race or philosophical, religious and political opinion will be tolerated.

## II. FORMS AND METHODS OF CO-OPERATION

### 4. Exchange and co-operation in the field of research and education.

#### 4.1. Exchange of professors and researchers

The exchange of professors and researchers may take place on long and on short-term basis. Professors and researchers may be assigned educational as well as research tasks.

#### 4.2. Exchange of students

Both parties express their wish to intensify student exchange for undergraduate as well as for Master programs.



#### **4.3. Mutual research programmes**

The two Institutions may conclude common research programmes in fields of mutual interest. Duration and conditions of these programmes will be determined in specific programme agreements.

#### **4.4. Participation of third Institutes**

Within the framework of this agreement, the Transilvania University of Brasov, Romania and Karunya Institute of Technology and sciences, Coimbatore, India may also co-operate in activities of other Institutions, with the purpose of realising projects in the furtherance of social, economic and cultural development of their countries.

#### **4.5. Exchange of publications**

The two contracting parties shall lend assistance by exchanging scientific publications and literature between their libraries, also by the exchange of audio-visual materials, informatics and others. These exchanges will be the subject of specific programme agreements.

#### **4.6. Mutual assistance**

The Transilvania University of Brasov and Karunya Institute of Technology and sciences, Coimbatore, India shall lend mutual assistance by exchange of information over and invitations to important meetings, symposia and conferences. The two Institutions undertake to maintain and to promote contacts, with a view to scientific co-operation with other partners in the respective regions.

### **III. SPECIAL AGREEMENTS**

#### **5. Preliminary procedure**

The Institution, willing to send a professor, a researcher or a student, must forward, at least six months in advance, the curriculum vitae, the list of publications and the work schedule of the person concerned, to the host Institution. The host Institution must confirm every stay at least four weeks before the beginning of this stay.



#### IV. EXECUTION OF THE AGREEMENT

##### 6. Programme agreements

This agreement is a framework agreement which regulates the relations between the parties in a general way. The conditions and the execution measures of this agreement will be defined in the form of work programme agreements, which shall regulate the exchange of professors, researchers and students between various faculties or research and study centers, in precise projects. These work programme agreements, concluded between the faculties, institutes or centers concerned, will be approved by the Rectors of the Universities or by their delegates.

#### V. FINAL DISPOSITIONS

##### 7. Duration of the agreement

The duration of this agreement shall be **four** years from the day the agreement was signed by both parties.

##### 8. Amendments

The amendments to the present agreement shall be agreed in writing between the undersigned.

##### 9. This agreement is drawn up and signed in duplicate.

Dated : October 06, 2023

for the **Transilvania**  
**University of Brasov**, Romania



Prof. dr. ing. Ioan Vasile ABRUDAN  
RECTOR

for **Karunya Institute of**  
**Technology and Sciences**,  
India

Dr. R. Elijah Blessing Vinoth  
REGISTRAR  
Dr. R. Elijah Blessing  
Registrar,  
Karunya Institute of Technology and Sciences  
(Deemed to be University)  
Karunya Nagar,  
Coimbatore-641114

## 2. HLL Lifecare Limited, Thiruvananthapuram



தமிழ்நாடு தமில்நாடு TAMIL NADU

23/10/2023



21AC 898347

M. DORAI SWAMY  
"STAMP VENDOR"  
10-A, STATE BANK ROAD,  
COIMBATORE - 641 018.  
L.No:7333/B1/97B-3

AGREEMENT



This Agreement entered at Coimbatore into on this 23<sup>rd</sup> day of October, 2023  
between,

M/s. Karunya Institute of Technology and Sciences (Deemed to be University),  
Karunya Nagar, Coimbatore - 641 114, represented by its Registrar, Dr. R. Elijah Blessing,  
(hereinafter referred to as **KITS**), (which expression unless repugnant to the context and  
meaning shall mean and include its assigns, legal representative, nominee, successor in  
office, administrator, executor, etc.) of the ONE PART,

and

M/s. HLL Lifecare Ltd., a Government of India Enterprise incorporated under the  
Companies Act, 1956 and having its registered office at HLL Bhavan, Mahilamandiram  
Road, Poojappura, Thiruvananthapuram - 695012, Kerala, India [CIN:  
U25193KL1966GOI002621] represented by its General Manager, Mr. Sathiajith S.  
(hereinafter referred to as **HLL**), (which expression unless repugnant to the context and  
meaning shall mean and include its assigns, legal representative, nominee, successor in  
office, administrator, executor, etc.) of the OTHER PART

23/10/2023

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Both the KITS and HLL shall in this agreement be individually referred as "Party" and collectively referred as "Parties".

WHEREAS HLL is aimed at realizing the government's family planning programme. HLL started as a manufacturer of natural rubber latex condoms. The company spread its wings to diversify into a healthcare major, with great emphasis over healthcare services. As the company successfully completes 57 years of consistent quality performance, HLL is entrusted with greater responsibilities – the affordable pharmacy network across the nation, healthcare services outlets, vaccine security of the nation, the medical devices park and much more.

WHEREAS KITS is a Deemed University under section 3 of UGC Act , accredited NAAC A++, was founded with the noble vision to raise professionals and leaders of high academic calibre and unblemished character, nurtured with a strong motivation and commitment to serve humanity, in its four institutional thrust areas of research namely, Healthcare, Food, Water and Sustainable Energy.

WHEREAS KITS approached HLL to establish joint collaborations towards various R&D activities in Engineering and Technology on Project/consultancy mode in its capacity as learning under research institutions and HLL has accepted the proposal submitted by KITS

WHEREAS KITS and HLL held mutual discussions and have agreed upon the terms and conditions set forth in this agreement

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

#### 1. Purpose

This agreement aims to promote industry academic cooperation, the exchange of research experiences, industry linkages, Joint research proposals/activities, Research and Consultancy in the fields of Life care products between KITS and HLL to benefit from each other's initiatives and working procedures and to support collaboration among the researchers associated with both Parties. **In connection with the above, the parties agree to a consultancy project entitled "Automatic Lubricant Dispensing System with Precise Flow Control"**

#### 2. General Terms of Agreement

**2.1 Coordination:** In order to carry out and fulfil the aims of this agreement, each party will appoint an appropriate person(s) as Authorized Representative (AR) to represent its organization and to coordinate the implementation of activities. The authorized representatives details are reflected in this agreement addendum.

**2.2 Termination of Agreement:** The collaboration covered by this agreement shall terminate upon completion of the agreed-upon period or after completion of the said project whichever is earlier. The agreement may also be terminated with a written one month notice from either side. In the event of non-compliance or breach by one of the

parties of the obligations binding upon it, the other party may terminate the agreement with immediate effect.

**2.3 Extension of Agreement:** The Agreement may be extended provided the parties agree upon such extensions and can provide the necessary resources.

**2.4 Communications:** All notice, demands, and other communication under this agreement in connection herewith shall be written in English language and shall be sent to the last known address, e-mail, or fax of the concerned party. Any notice shall be effective from the date on which it reaches the other party.

**2.5 Addendum:** All Addendum to this agreement shall be in writing and signed by both parties.

**2.6 Project execution:** HLL to comply with the terms and conditions stipulated in this agreement and subsequent Addendum agreed by both the parties if any for the effective implementation of the project. HLL shall immediately inform KITS regarding the Project of any event, which could have a negative influence on or risk the successful accomplishment of the tasks described in the agreement.

### 3. Scope

This Agreement sets forth the intentions of the Parties to enter into a consultancy project on "**Automatic Lubricant Dispensing System with Precise Flow Control**" with the following deliverables

### 4. Technical requirements – General

#### 4.1 The specification covers Supply part, Services part.

4.1.1 **Scope of Supply** shall comprise of design (i.e. Preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, fabrication, assembly, inspection / testing at HLL

4.1.2 **Services part** covers supervision services for erection & commissioning, trial run at site and carrying out Performance guarantee tests at site. Training of operators & officers covering all aspects of the lubricant feeding/dosing system and inclusive of training for Operation & Maintenance (3 days) at Site including troubleshooting etc.

4.2 The KITS shall be responsible for providing all material, equipment & services, which are required to fulfil the intent of ensuring operability, maintainability, reliability and complete safety of the complete system covered under this specification.

4.3 The dosing system shall conform in all respects to the highest standards of design, engineering and workmanship and shall be capable of performing the required end result in a manner acceptable to HLL and shall be entitled to reject any work or material which in HLL judgment is not in full accordance.

*[Handwritten signatures]*

4.4 The maximum allowable deviation  $\pm 5$  mg of the lubricant quantity. The accuracy refers to the quantity obtained by calibrating the system at different time points without any adjustment and change.

4.5 The system should have the facility to vary the quantity of lubricant in the range of 250 to 600 mg.

4.6 The three channel dispensing shall have the same accuracy level  
Dispensing operation to be resumed after the power failure without reset.  
Cavitation in lubricant tubing to be minimal

All the product parts should be SS304 and silicone material for tubing

1. KITS shall ensure that upper reservoir if required to be suitably accommodated in the existing system
2. Plug and play for the easy scheduled maintenance
3. User-friendly controller operation should be ensured.
4. The system should perform the established results irrespective of the speed of the machine.
5. KITS shall ensure while integration of the system and it shall not hamper the packing machine performance.
6. HLL will provide 1 no 3 line Packing machine based on the request from KITS as and when required without affecting the production target

#### 5.0 Payment terms

**The payment terms are finalized based on the techno- commercial meeting conducted on 15.09.23 and subsequent communications from KITS dated 15.09.23.**

##### 1. Particulars

- HLL shall pay Rs.5 Lacs as mobility advance to KITS only against bank guarantee for the consultancy charges.
- HLL shall bear only the actual Lodging, Local Conveyance & Boarding expenses to a maximum of 3 visits of KITS during the project execution period and more than three visits shall be borne by KITS.

##### 5.2 Financials

- Supply of consumables required for the Automatic precision dosing system – Rs 2.5 lacs (Including GST)
- Consultancy, Fabrication & Commissioning charges – Rs 5.5 lacs excluding statutory deductions and GST.
- **The overall project charges – Rs 8.99 Lacs**

After successful implementation in one machine KITS have informed that the stand alone unit cost for each subsequent system would be Rs 2.25 lacs or at actuals whichever is lower.

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**6.0 Duration of Agreement:** This agreement shall be operational upon signing and will have an initial duration of **one year** for this particular project. All activities conducted before this date within the vision of the joint collaboration will be deemed to fall under this agreement. HLL shall be entitled to recover the liquidated damages from KITS at the rate of 0. 5% (zero decimal point five percent) of the total fee payable per month of delay of any activity subject to a maximum of 5% of the total fee payable as per the clause no- 7 of this agreement

Timelines:

Sl. No	Description	0-2 months	2-5 months	5-7 months
1	Product Design and Testing	XXXXXX		
2	Prototype Design: 1 Channel and testing	XXXXXX	XXXXXX	
3	3 Channel Unit		XXXXXX	XXXXXX
4	Integrate with existing setup and deployment		XXXXXX	XXXXXX
5	Validation and Testing			XXXXXX

#### 7.0 Liquidated Damages

The work shall be carried out with all due diligence and as per the time schedule specified above. In case of any delay/default, KITS to adhere to the agreed time schedule, (Decision of the HLL shall be final and binding) HLL shall be entitled to recover the liquidated damages from KITS of 0. 5% (zero decimal point five percent) of the total fee payable per month of delay of any activity subject to a maximum of 5% of the total fee payable if delayed beyond 7 months .

#### 8.0 Force majeure clause

If at any time during the continuance of this contract, the performance in whole or part by either party of any obligation under this contract shall be prevented or delayed by reasons of any war, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions or acts of God (hereinafter referred to as events) then provided notice of the happening any such events if given by either party to the other within 14 days from the date of occurrence thereof neither party shall be by reason of such event be entitled to terminate this contract nor shall either party have any claim for damage against the other in respect of such non performance or delay in performance and deliveries under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist and decision of the HLL as to whether the deliveries has been so resumed or not shall be final and conclusive; provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reasons of any such event for period exceeding 60 days, either party may at its option terminate the agreement.

#### **9.0 Performance guarantee during warranty period**

KITS shall pay 10% of contract value in the form of bank guarantee to HLL during the warranty period towards defects liability. The KITS shall guarantee all that equipments are free from any defect due to the defective materials and poor workmanship, that the equipment's operates satisfactorily and that the performance and efficiencies of the equipment's are not less than the guaranteed values. The KITS shall also guarantee to provide the services necessary for replacement of defective equipment etc. The services of the KITS's personnel if requisitioned during this period for such work shall be made available free of any cost to HLL. The guarantee shall be valid for a period of 12 months from the date of commissioning of the respective machines and any part found defective shall be replaced free of all costs by KITS. If the defects are not remedied within a reasonable time, HLL may proceed to do so at the KITS's risk and expense without prejudice to any other rights.

If HLL identifies any deficiencies in performance of the system after implementation, HLL will provide another 10 days for the corrective action and if fails, KITS shall liable to refund the amount received from HLL

#### **10. DEFECTS LIABILITY PERIOD**

Any defect developed within 'Defect Liability Period' of 12 months will have to be rectified by KITS at their own cost. In case the defects are not rectified by KITS, their representative shall get the work done at their risk and their costs.

#### **Guarantee and defects liability period**

KITS shall guarantee that all equipments are free from any defect due to the defective materials and poor workmanship, that the equipments operate satisfactorily and that the performance and efficiencies of the equipments are not less than the guaranteed values. The guarantee shall be valid for a period of 12 months after successful first seasonal testing and taking over and any part found defective shall be replaced free of all costs by KITS. The services of the KITS personnel if requisitioned during this period for such work shall be made available free of any cost to HLL.

The guarantee shall be extended to all the components, consumables, control cards etc including all the brought out items. If the defects are beyond repair, as judged by HLL the same shall be replaced with new machineries at no additional cost to HLL.

#### **11.0 INTELLECTUAL PROPERTY**

##### **A. Title and Copyright Assignment**

**11.1** KITS acknowledges and agree that all the products and results (and all rights therein, including, without limitation, copyrights) under this Agreement belongs to and shall be the sole and exclusive property of HLL.

**11.2** Notwithstanding the foregoing, KITS also hereby assigns and transfers to HLL, its successors and assigns, the entire right, title, and interest in and to all copyrights in the products; all registrations and copyright applications relating thereto and all renewals

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and extensions thereof; all works based upon, derived from, or incorporating the product; all income, royalties, damages, claims and payments now or hereafter due or payable with respect thereto; all causes of action, either in law or in equity for past, present, or future infringement based on the copyrights; and all rights corresponding to the foregoing throughout the world.

**11.3** KITS hereby acknowledges that HLL shall retain all right, title, and interest in all trademarks and goodwill that results under this agreement.

## **12. Confidentiality**

Each Party recognizes that the other Party holds its Proprietary Information as important. In particular, each Party recognizes that the other Party's Proprietary Information (and the confidential nature thereof) is critical to the other Party's business

Each Party must, therefore:

- (i) hold the other Party's Proprietary Information in confidence and take reasonable precautions to protect the Proprietary Information (including, without limitation, no less than all precautions that it employs with respect to its own confidential materials);
- (ii) except as required by law, regulation or legal process, not divulge the other Party's Proprietary Information or any information derived there from to any third person; provided, however, that if a Party is required to make any such disclosure of the other Party's Proprietary Information, such Party shall give reasonable advance written notice to the other Party of such required disclosure and will use reasonable efforts consistent with prudent business judgment to secure confidential treatment of such Proprietary Information prior to its disclosure (whether through protective orders or confidentiality agreements or otherwise); and
- (iii) not make any use whatsoever at any time of the other Party's Proprietary Information except for purposes of and expressly authorized in this Agreement

Both Parties hereby agree to enter into a **Non Disclosure Agreement** to protect the "Confidential Information" between the parties. The Non Disclosure Agreement shall be entered between the parties before the exchange of experimental procedures, instrumental knowledge and development of new protocols in Fields:, Industrial Visit ,Training in process and product formulation

Each party shall comply with all statutory provisions as may be necessary in connection with and incidental to the Project.

## **13. General Provisions**

1. For any specific joint projects will be set forth in separate written agreements

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2. Treatment of intellectual property rights developed through collaborations under this agreement will be determined between the parties through mutual consultation and separate written agreements on a case- to -case basis.
3. Publication credits of any kind arising as a result of this agreement shall be shared by both the parties only after obtaining prior written consent. The lead authors would be the party where major part of the experiments were conducted. The corresponding authors of the publications would be the party which has prepared the manuscript. The above issues will be discussed by the parties and decide the authorship details. The publications as a result of this agreement will be made under mutual concerns of the parties while either party are intimated in writing.
4. Any press releases or other publications to be issued or made by one party that refer to this agreement or the subject matter and/or the relationship established between the parties of this agreement, shall have prior approval of the other party.
5. This Agreement restricts KITS from participating for this proposed project with other companies, institutes, organizations, and individuals for a period of Two years from the date of execution of this agreement.
6. Nothing in this agreement establishes or will deemed to establish a principal-agent relationship, employee-employer relationship, a representative or joint partnership between the parties hereto and neither party will enter into any contract or commitment on behalf of the other.
7. Nothing in this agreement will be construed to constitute an obligation or commitment of funds or otherwise from either party.

**14. Investigators from each party:**

Investigators from each party will be identified to coordinate the identification of research problems and monitor its progress and execution

1. The Faculty Team from KITS comprising of Dr. S.Rajesh, Professor in Physics, Dr. P.Rajalakshmi, Associate Professor in Robotics and Automation, Dr. B.Vidhya, Assistant Professor in Physics, Dr. A.Sakunthala, Assistant Professor in Physics, Dr. R.Nandhakumar, Professor in Chemistry, Dr. JibuThomas, Professor in Biotechnology shall work on the said consultancy project
2. From HLL Mr. Sathiajith S , General Manager – Engineering & Mr. Rajesh Kumar, Dy General manager- Engineering will co-ordinate and assist for the fulfilment work

The Investigators and Nodal Members may be changed by either party as they may deem appropriate from time to time, with a prior written intimation of 10 days to the other



### **15. Resolution of Disputes**

15.1 The Parties shall make every effort to resolve amicably, by direct informal negotiations, any disagreement(s) arising between the Parties in relation to or in connections with this Agreement directly or indirectly, whether during pendency of the Agreement or thereafter.

15.2 "All matters, queries, disputes or differences, whatsoever, arising between the parties touching the construction, meaning, operation or effect of this Memorandum of Agreement or out of or relating to this Memorandum of Agreement or breach thereof shall be mutually discussed between the parties and settled or settled through arbitration in accordance with the relevant Arbitration Act in force at such time. The Arbitration award shall be binding on both parties. Place of arbitration would be in Thiruvananthapuram and the language will be in English. In all matters concerning this MoU, requiring judicial intervention Thiruvananthapuram courts alone will have jurisdiction"

### **16 . Indemnification:**

KITS agrees, to indemnify, defend and hold harmless HLL and its Affiliates and their respective officers, directors, employees and agents from any Damages incurred by or assessed against them resulting from a third party claim caused by or alleged to be caused by:

- (i) Gross negligence, bad faith, intentional misconduct or intentional failure to perform any of its obligations under this Agreement; and
- (ii) any Claim arising from the gross negligence or bad faith of, or intentional misconduct or intentional breach of this Agreement KITS.

KITS will have 30 days after receipt of the Claim Notice to settle the claim.

### **17. Amendment and Waiver.**

This Agreement may be amended, modified, superseded or cancelled, and any other terms or conditions hereof may be modified, only by a written instrument executed by both Parties or, in the case of a waiver, by the Party waiving compliance. Failure of either Party at any time or times to require performance of any provision hereof will in no manner affect the right of such Party at a later time to enforce the same, and no waiver of any nature, whether by conduct or otherwise, in any one or more instances, will be deemed to be or considered as a further or continuing waiver of any provision of this Agreement.

### **18. Severability.**

If any one or more of the agreements, provisions or terms contained herein are declared invalid, illegal or unenforceable in any respect, the validity of the remaining agreements, provisions or terms contained will shall in no way be affected, prejudiced or invalidated thereby.

**19. Governing Law.**

This Agreement shall be governed by and construed and enforced in accordance with the laws of India.

**19. Counter parts.**

This Agreement is being executed in two sets separately by each party and both shall be deemed to be original and shall constitute one and the same instrument.

IN WITNESS WHEREOF the Parties to this Agreement hereby confirm to its terms by affixing their respective signature on this 23<sup>rd</sup> day of October, 2023.

<p>For and on behalf of : Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore-641114.</p> <p></p> <p>Name: Prof. Dr. R. ELIJAH BLESSING, Designation: REGISTRAR</p> <p>Dr. R.Elijah Blessing Registrar, Karunya Institute of Technology and Sciences (Deemed to be University) Karunya Nagar, Coimbatore-641114.</p>	<p>For and on behalf of : M/s. HLL Life care Ltd., A government of India Enterprise, Poojapura, Trivandrum</p> <p></p> <p>Name: Mr. Sathiajith S Designation: General Manager</p> <p>सत्तियजित एस / SATHIAJITH .S गवर्नमेंट ऑफ इंडिया द्वारा संचालित / General Manager (Engg. &amp; CEO) एचएलएल लाइफकेरे लिमिटेड / HLL Lifecare Limited (भारत सरकार द्वारा संचालित / A Government of India Enterprise) पेरोर्कडा फैक्टरी, तिरुवनंतपुरम् - 695 006. Perorkada Factory, Thiruvananthapuram - 695 006.</p>
<p>Key Contact Person</p> <p></p> <p>Dr .K.R.S. Krishnan Director IIE, Karunya Institute of Technology and Sciences, Karunya Nagar, Coimbatore-641114.</p>	<p>Key Contact Person</p> <p></p> <p>Mrs Smitha L.G Unit Head &amp; General Manager HLL, Peroorkada TVM- 695 005</p>
<p>Witness</p>	<p>Witness</p>

### 3. Queen Mary University of London

**MEMORANDUM OF INTENT FOR INTER-INSTITUTIONAL COLLABORATION**  
between  
**Karunya Institute of Technology and Sciences**  
and  
**Queen Mary University of London**

Whereas, Karunya Institute of Technology and Sciences (Deemed-to-be-University), Coimbatore, Tamil Nadu, India (hereinafter referred to as KITS) and Queen Mary University of London, United Kingdom (hereinafter referred to as QMUL) the parties realize that there is great value in promoting a global outlook and international understanding in the areas of academic and research pursuits; and

Whereas, both KITS and QMUL recognize the significant role that education and research play in enhancing mutual understanding, friendship, good relations and research interaction;

Now, therefore, both parties are interested in exploring, in good faith, opportunities for future collaborations in their fields through their respective institutions, namely the KITS and the QMUL and set forth their intent for potential collaboration initially in the following fields:

- (i) Joint academic programmes and
- (ii) Joint research programmes involving the faculty and students of both the institutions.

1. Consistency with Institutional and Legal Requirements: Future collaborations in specific projects and programmes will be on mutual consent based on case to case basis and consistent with the policies and regulations of both the KITS and QMUL, and also the laws prevalent in the respective countries.
2. Duration: This Memorandum of Intent shall become effective upon execution by both the parties and shall continue in full force and effect for a period of three years: provided, however, that either party may terminate this Memorandum of Intent at any time with 90 days written notice to the other party.
3. Future Obligations: The parties acknowledge and agree that this Memorandum of Intent does not create any binding legal obligations or financial commitments. The parties recognize that any such future obligations or commitments must be agreed upon in writing, which must be signed by an authorized representative of each of their institutions. The parties also recognize that any future obligations or commitments will depend on the availability of funds for each party.

IN WITNESS WHEREOF, the parties have executed this Memorandum of Intent as of the date shown below

For and on behalf of QMUL:

*Manyi C. Cristofoli*

Queen Mary University of London  
Manyi Cristofoli  
Head of International Research and  
Innovation  
Date: 12<sup>th</sup> Dec 2023

For and on behalf of KITS:

*R. Elijah Blessing*

Karunya Institute of Technology and  
Sciences  
Prof. Dr. R. Elijah Blessing  
Registrar  
Date: 20<sup>th</sup> Dec 2023



#### 4. EU Member States (Erasmus +)



**Erasmus+ Programme**  
**Inter-institutional agreement**  
**Key Action 1**  
**Learning mobility for higher education students and staff**

**between EU Member States and third countries associated to the Programme  
and third countries not associated to the Programme**

The institutions<sup>1</sup> named below agree to cooperate for the exchange of students and/or staff in the context of the Erasmus+ programme. This agreement is valid for the Erasmus+ call years 20[23]-20[27] in:

- KA131
- KA171

The institutions commit to sound and transparent management of funds allocated to them through Erasmus+ and to respect the quality requirements of the Programme, outlined in the Erasmus Charter for Higher Education<sup>2</sup> and in this agreement.

The institutions agree on exchanging their mobility-related data according to the principles of GDPR<sup>3</sup> and in line with the technical standards of the European Student Card Initiative<sup>4</sup>, when this becomes available for international mobility involving third countries not associated to the Programme.

Sending institutions located in EU/EEA countries have to ensure compliance with the provisions of art. 46 GDPR for all participants' personal data exchanged in the context of their mobility with institutions from non-EU/EEA countries without an adequacy decision, on the condition that enforceable data subject rights and effective legal remedies for data subjects are available in the respective third country. The participants should be informed in a transparent manner about the level of protection of their personal data, if this is different from the one where the sending institution is located.

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<sup>1</sup>Inter-institutional agreements can be bilateral or multilateral in the case of mobility consortia:

- Bilateral agreements are for cooperation between one higher education institution located in an EU Member State or third country associated to the Programme and another institution located in a third country not associated to the Programme
- Multilateral agreements are for cooperation between a mobility consortium of higher education institutions located in one single EU Member State or third country associated to the Programme and another institution located in a third country not associated to the Programme.

<sup>2</sup>[https://ec.europa.eu/programmes/erasmus-plus/resources/documents/applicants/higher-education-charter\\_en](https://ec.europa.eu/programmes/erasmus-plus/resources/documents/applicants/higher-education-charter_en)

<sup>3</sup>[https://ec.europa.eu/info/law/law-topic/data-protection/reform/rules-business-and-organisations/principles-gdpr\\_en](https://ec.europa.eu/info/law/law-topic/data-protection/reform/rules-business-and-organisations/principles-gdpr_en)

<sup>4</sup>[https://ec.europa.eu/education/education-in-the-eu/european-student-card-initiative\\_en](https://ec.europa.eu/education/education-in-the-eu/european-student-card-initiative_en)



## 1. Information about the higher education institutions

Name of the institution (and department where relevant)	Erasmus code or city <sup>5</sup>	Contact details <sup>6</sup> (email, phone)	Websites
<b>Transilvania University of Brasov</b>  <b>ROMANIA</b>  PIC number: 999904131  OID: E10209167	RO BRASOV01	<p><b>Institutional Coordinator</b>  Name: Prof. Dr. Eng. Simona LACHE  e-mail: <a href="mailto:slache@unitbv.ro">slache@unitbv.ro</a></p> <p><b>Erasmus Office</b>  B-dul Eroilor nr 29, RO-500036 Brasov, Romania  Tel. &amp; fax: +40 268473473  e-mail: <a href="mailto:erasmus@unitbv.ro">erasmus@unitbv.ro</a>, <a href="mailto:incoming@unitbv.ro">incoming@unitbv.ro</a>,  <a href="mailto:outgoing@unitbv.ro">outgoing@unitbv.ro</a></p> <p><b>Faculty coordinator:</b>  Name: Assoc. Prof. dr. Livia SANGEORZAN  e-mail: <a href="mailto:sangeorzan@unitbv.ro">sangeorzan@unitbv.ro</a></p> <p><b>Contact person:</b>  Name: Assoc. Prof. dr. Livia SANGEORZAN  e-mail: <a href="mailto:sangeorzan@unitbv.ro">sangeorzan@unitbv.ro</a></p>	General: <a href="http://www.unitbv.ro/en/">www.unitbv.ro/en/</a>  Faculty/faculties: <a href="http://www.unitbv.ro/en/faculties.html">www.unitbv.ro/en/faculties.html</a>  Course catalogue: <a href="http://www.unitbv.ro/en/prospective-students/academic-programmes.html">www.unitbv.ro/en/prospective-students/academic-programmes.html</a>
<b>Karunya Institute of Technology and Sciences</b>  <b>INDIA</b>  OID: E10348589	COIMBATORE	<p><b>Institutional Coordinator</b>  Name: Prof. Dr. R. Elijah Blessing  e-mail: <a href="mailto:registrar@karunya.edu">registrar@karunya.edu</a></p> <p><b>Faculty coordinator:</b>  Name: Dr. D. Jude Hemanth  e-mail: <a href="mailto:judehemanth@karunya.edu">judehemanth@karunya.edu</a></p> <p><b>Contact person:</b>  Name: Dr. D. Jude Hemanth  e-mail: <a href="mailto:judehemanth@karunya.edu">judehemanth@karunya.edu</a></p> <p><b>International Affairs Office:</b>  Karunya Nagar, Coimbatore - 641114, India  Tel.: +91 422 2614321  e-mail: <a href="mailto:head_ia@karunya.edu">head_ia@karunya.edu</a></p>	General: <a href="http://www.karunya.edu">www.karunya.edu</a>  Faculty/faculties: <a href="http://www.karunya.edu/ece">www.karunya.edu/ece</a>  Course catalogue: <a href="https://www.karunya.edu/ece/btech">https://www.karunya.edu/ece/btech</a>

<sup>5</sup>Higher education institutions (HEIs) from Member States or third countries associated to the Programme should indicate their Erasmus code; HEIs from third countries not associated to the Programme should mention the city where they are located.

<sup>6</sup> Contact details to reach the senior officer in charge of this agreement and of its possible updates.



## 2. Mobility numbers per academic year

The partners agree to update the mobility data, whenever possible, by no later than the end of January in the preceding academic year formally via an amendment of the inter-institutional agreement.

### Number of student and staff mobility periods

FROM [Erasmus code or city of the sending institution]		TO [Erasmus code or city of the receiving institution]	Subject area ISCED CODE <sup>7</sup> (optional)	Subject area NAME (optional)	Study cycle [short cycle, 1st, 2nd or 3rd] (optional)	Student Mobility for studies [Specify here total number of students]	Student Mobility for studies [Specify here total number of months]	Student Mobility for Traineeships (optional)* [Specify here total number of students]	Student Mobility for Traineeships (optional)* [Specify here total number of months]
RO BRASOV01	Coimbatore, India	061	Information and Communication (ICTs)		1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup>	5	50	3	6
Coimbatore, India	RO BRASOV01	061	Information and Communication (ICTs)		1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup>	5	50	3	6

<sup>7</sup><https://circabc.europa.eu/sd/a/286ebac6-aa7c-4ada-a42b-ff2cf3a442bf/ISCED-F%202013%20-%20Detailed%20field%20descriptions.pdf>



FROM [Erasmus code or city of the sending institution]	TO [Erasmus code or city of the receiving institution]	Subject area ISCED CODE <sup>8</sup> (optional)	Subject area NAME (optional)	Study cycle [short cycle, 1st, 2nd or 3rd] (optional)	Number of mobility periods				
					Staff Mobility for Teaching [Specify here total number of staff]	Staff Mobility for Teaching [Specify here total number of days]	Staff Mobility for Training (optional)* [Specify here total number of staff]	Staff Mobility for Training (optional)* [Specify here total number of days]	
RO BRASOV01	Coimbatore, India	061	Information and Communication (ICTs)	1st, 2nd 3rd	2	10	2	10	
Coimbatore, India	RO BRASOV01	061	Information and Communication (ICTs)	1st, 2nd 3rd	2	10	2	10	

#### Optional additional information

e.g. blended mobility, traineeships, staff training etc.

### 3. Recommended language skills

The sending institution, following agreement with the receiving institution, is responsible for providing support to its nominated candidates so that they can have the recommended language skills<sup>9</sup> at the start of the mobility period (see also section 5 "Preparation and Support").



<sup>8</sup><https://circabc.europa.eu/sd/a/286ebac6-aa7c-4ada-a42b-ff2cf3a442bf/ISCED-F%202013%20-%20Detailed%20field%20descriptions.pdf>

Receiving institution [Erasmus code or city]	Subject area (Optional)	Language of instruction 1	Language of instruction 2	Recommended level	
				Student Mobility [Minimum recommended level in at least one of the languages: B1]	Staff Mobility [Minimum recommended level in at least one of the languages for teaching: B2]
RO BRASOV01 Coimbatore, India		Romanian English	English English	B1 – Romanian or English B1 - English	B2 – Romanian or English B2 - English

For more details on the language of instruction recommendations, see the course catalogue of each institution. The links to the course catalogue are provided in the first section.

#### 4. Partnership arrangements: fees and organisational support funds

In accordance with the Erasmus Charter for Higher Education, partners commit to charge no additional fees to students:

- In connection with the organisation or administration of their Erasmus+ mobility period. Any violation to this rule by the partners shall be brought to the attention of the National Agency and may lead to the termination of the participation in the project linked to this inter-institutional agreement, if no corrective measures are taken.
- For tuition, registration, examinations or access to laboratory and library facilities. Nevertheless, they may be charged small fees on the same basis as local students for costs such as insurance, student unions and the use of miscellaneous material.

*This section is mandatory/applicable only for KA171. Repartition of the granted Organisational Support between the partners is strongly recommended, but not mandatory:*

Partners agree on the following use and repartition of organisational support funds including a list of objectives that both partners consider a priority:

OS Use and Repartition	Priority Objectives
------------------------	---------------------

<sup>9</sup>For an easier and consistent understanding of language requirements, it is recommended to use the Common European Framework of Reference for Languages (CEFR): <http://europass.cedefop.europa.eu/en/resources/european-language-levels-cefr>



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## 5. Outreach and Selection of participants: calendar, application procedure and requirements

- Partners commit to doing outreach to participants with fewer opportunities to encourage their participation in the Programme and, where needed, agree on a common strategy to meet indicative inclusion targets.
- Partners commit to running selection procedures for mobility activities that are fair, transparent, and documented, ensuring equal opportunities to participants eligible for mobility. The calls for applications must be public and an appeal procedure must be in place. Under no circumstances, shall applicants and selected participants incur any costs during application and selection procedures.
- In the case of student mobility, partners will ensure that other elements beyond academic merit are taken into account to ensure participation of students with fewer opportunities. Selection criteria and procedures must be clearly communicated in the call for applications.

Applications/information on nominated students must reach the receiving institution by:

Receiving institution [Erasmus code or city]	Term duration	Deadline <sup>10</sup>
RO BRASOV01	Winter Term: from 1, October to 15, February Spring Term: from 15, February to 15, July	Winter Term: 15, June Spring Term: 15, December
Coimbatore, India	Winter Term: from 1 <sup>st</sup> December to 31 <sup>st</sup> April Spring Term: from 1 <sup>st</sup> July to 1 <sup>st</sup> November	Winter Term: 15 August Spring Term: 15 April

<sup>10</sup> Please specify the deadline for each semester and, if necessary, adapt to a trimester system.

The receiving institution will send its decision within 4 weeks and no later than 5 weeks.

The partners commit to have a fair, transparent, coherent and documented application and selection procedure outlined in their respective websites and regularly updated, together with the contact details of the relevant department:

<b>Application procedure</b>		
Receiving Institution [Erasmus code or city]	Contact details (email, phone)	Website for information
RO BRASOV01	incoming@unitbv.ro phone: +40 268 473 473	<a href="http://www.unitbv.ro/en/erasmus-students/incoming-students.html">www.unitbv.ro/en/erasmus-students/incoming-students.html</a>
Coimbatore, India	head_ia@karunya.edu phone: +91 0422 2614321	<a href="http://www.karunya.edu">www.karunya.edu</a>
<b>Selection criteria</b> <i>Please sum up in this table the selection criteria. This is a non-exhaustive list – partners are invited to agree on the eventual list of selection criteria.</i>		
Requirement	Details	Website for information (optional)
Academic requirements	Number of ECTS credits (or equivalent) already completed / current level of completion of studies Subject area (ISCED code) EQF level	-----
CV		-----
Motivation letter		-----
Inclusion measures <sup>11</sup>	Targeted categories of participants with fewer opportunities (see Erasmus+ Programme Guide) To further enhance the inclusion dimension of KA171, partners are encouraged to discuss indicative targets during selection process.	-----
Other		-----

<sup>11</sup> You may find the implementation guidelines of the Erasmus+ and European Solidarity Corps Inclusion and Diversity Strategy here:  
[https://ec.europa.eu/programmes/erasmus-plus/resources/implementation-guidelines-erasmus-and-european-solidarity-corps-inclusion-and-diversity\\_en](https://ec.europa.eu/programmes/erasmus-plus/resources/implementation-guidelines-erasmus-and-european-solidarity-corps-inclusion-and-diversity_en)



## 6. Preparation and support

The Higher Education Institution(s) in a Member State or associated third country commit(s) to:

- Ensure that students are aware of their rights and obligations as defined in the *Erasmus Student Charter*<sup>12</sup>.
- Arrange travels or provide a pre-financing of the grant to **reduce the costs that participants need to cover upfront**, to the extent possible.

All involved Higher Education Institutions commit to the following preparation and support measures. Information and assistance can be provided by the contact points and information sources in the table below:

- The receiving institution will guide incoming mobile participants in finding **accommodation**, according to the requirements of the Erasmus Charter for Higher Education. It is considered best practice to use the individual grant to pay for the deposit of dormitories.
- Ensure that outgoing mobile participants are well prepared for their activities abroad, including blended mobility, by undertaking activities to achieve the necessary level of **linguistic proficiency** and develop their **intercultural competences**.
- Provide assistance related to obtaining **visas**, when required, for incoming and outgoing mobile participants, according to the requirements of the Erasmus Charter for Higher Education and, if needed, use project funds in the most inclusive way to cover related costs partially or in full.
- Provide assistance related to obtaining **insurance**, when required, for incoming and outgoing mobile participants, according to the requirements of the Erasmus Charter for Higher Education and use project funds in the most inclusive way to cover related costs partially or in full. The receiving institution will inform mobile participants of cases in which insurance cover is not automatically provided.
- The receiving institution will inform about the existence of relevant infrastructure and provide support to incoming **participants with fewer opportunities**.

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<sup>12</sup> The Erasmus Student Charter is available here: [https://ec.europa.eu/programmes/erasmus-plus/resources/documents/applicants/student-charter\\_en](https://ec.europa.eu/programmes/erasmus-plus/resources/documents/applicants/student-charter_en)



- Provide **appropriate mentoring and support arrangements** for mobile participants, including for those pursuing blended mobility, as well as **integrate incoming mobile participants** into the wider student community and in the Institution's everyday life.
- Provide participants with their **grant as soon as possible upon arrival**, including if necessary a first payment using cash, check or similar to avoid delays linked to opening a bank account.
- The institutions commit to encourage participants to act as **ambassadors of the Erasmus+ Programme** and share their mobility experience, e.g. by providing information about the existence of Erasmus+ alumni networks, inviting former participants in promotion activities, etc.

*The table serves as a template - the partners are free to adjust it, e.g. to add more measures, to replicate per partner HEI etc.*

Preparatory & Support Measures	Institution [Erasmus code or city]	Contact details (email, phone)	Website for information & arrangements
Accommodation	RO BRASOV01	incoming@unitbv.ro phone: +40 268 473 473	<a href="http://www.unitbv.ro/en/erasmus-students/incoming-students.html">www.unitbv.ro/en/erasmus-students/incoming-students.html</a>
	Coimbatore, India	head_ia@karunya.edu phone: +91 0422 2614321	<a href="http://www.karunya.edu">www.karunya.edu</a>
Language Support	RO BRASOV01	incoming@unitbv.ro phone: +40 268 473 473	<a href="http://www.unitbv.ro/en/erasmus-students/incoming-students.html">www.unitbv.ro/en/erasmus-students/incoming-students.html</a>
	Coimbatore, India	head_ia@karunya.edu phone: +91 0422 2614321	<a href="http://www.karunya.edu">www.karunya.edu</a>
Visa	RO BRASOV01	incoming@unitbv.ro phone: +40 268 473 473	<a href="http://www.unitbv.ro/en/erasmus-students/incoming-students.html">www.unitbv.ro/en/erasmus-students/incoming-students.html</a>
	Coimbatore, India	head_ia@karunya.edu phone: +91 0422 2614321	<a href="http://www.karunya.edu">www.karunya.edu</a>
Insurance	RO BRASOV01	incoming@unitbv.ro phone: +40 268 473 473	<a href="http://www.unitbv.ro/en/erasmus-students/incoming-students.html">www.unitbv.ro/en/erasmus-students/incoming-students.html</a>
	Coimbatore, India	head_ia@karunya.edu phone: +91 0422 2614321	<a href="http://www.karunya.edu">www.karunya.edu</a>
Inclusion of participants with fewer opportunities	RO BRASOV01	incoming@unitbv.ro phone: +40 268 473 473	<a href="http://www.unitbv.ro/en/erasmus-students/incoming-students.html">www.unitbv.ro/en/erasmus-students/incoming-students.html</a>
	Coimbatore, India	head_ia@karunya.edu phone: +91 0422 2614321	<a href="http://www.karunya.edu">www.karunya.edu</a>
Mentoring	RO BRASOV01	incoming@unitbv.ro phone: +40 268 473 473	<a href="http://www.unitbv.ro/en/erasmus-students/incoming-students.html">www.unitbv.ro/en/erasmus-students/incoming-students.html</a>
	Coimbatore, India	head_ia@karunya.edu phone: +91 0422 2614321	<a href="http://www.karunya.edu">www.karunya.edu</a>



Grant payments	RO BRASOV01	incoming@unitbv.ro phone: +40 268 473 473	<a href="http://www.unitbv.ro/en/erasmus-students/incoming-students.html">www.unitbv.ro/en/erasmus-students/incoming-students.html</a>
	Coimbatore, India	registrar@karunya.edu phone: +91 0422 2614321	<a href="http://www.karunya.edu">www.karunya.edu</a>
Alumni information	RO BRASOV01	incoming@unitbv.ro phone: +40 268 473 473	<a href="http://www.unitbv.ro/en/erasmus-students/incoming-students.html">www.unitbv.ro/en/erasmus-students/incoming-students.html</a>
	Coimbatore, India	head_la@karunya.edu phone: +91 0422 2614321	<a href="http://www.karunya.edu">www.karunya.edu</a>

## 7. Recognition

Institutions commit to:

- Ensure recognition for activities satisfactorily completed. [Please specify the recognition tools that will be used, e.g. the European Credit Transfer and Accumulation System.]

RO BRASOV01 - Under the European Credit Transfer and Accumulation System, in order to accumulate credit units, the student must participate in the scheduled teaching activities and carry out individual training activities.

COIMBATORE, INDIA – The student must participate in the scheduled teaching activities and carry out the project works.

- Ensure that student and staff mobility for education or training purposes is based on a learning agreement for students and a mobility agreement for staff validated in advance between the sending and receiving institutions or non-academic organisations and the mobile participants.
- Accept all activities indicated in the learning agreement, or according to the learning outcomes of the modules completed abroad, as automatically counting towards the degree, provided these have been satisfactorily completed by the mobile student.
- Partners commit to taking measures to ensure recognition of student and staff mobility upon their return, including:
  - Providing incoming mobile students and their sending Institutions with free-of-charge transcripts. The documents must be in English or in the language of the sending Institution and containing a full, accurate and timely record of the achievements at the end of the mobility period.
  - A Transcript of Records will be issued by the receiving institution no later than 4 weeks after the assessment period has finished at the receiving HEI.
  - Providing staff with a certificate for the activities completed. It is recommended to issue a certificate towards the end of the mobility period.



## 8. Grading systems of the institutions

It is recommended that receiving institutions provide the statistical distribution of grades or make the information available through **EGRACONS** according to the descriptions in the **ECTS users' guide**<sup>13</sup>. The table will facilitate the interpretation of each grade awarded to students and will facilitate the credit transfer by the sending institution.

Institution [Erasmus code or city]	EGRACONS [If applicable]	Website for information														
RO BRASOV01	<p>1 credit = 25 hours total work 1 full academic year = 60 credits 1 semester = 30 credits 3 months = 20 credits</p> <p>Grading distribution will be provided by student's Transcript of Records.</p> <table border="1"><thead><tr><th>ROMANIAN grading system</th><th>ECTS grade</th></tr></thead><tbody><tr><td>10 = Excellent</td><td>A = Excellent</td></tr><tr><td>9 = Very good</td><td>B = Very good</td></tr><tr><td>From 7 to 8 = Good</td><td>C = Good</td></tr><tr><td>6 = Satisfactory</td><td>D = Satisfactory</td></tr><tr><td>5 = Sufficient</td><td>E = Sufficient</td></tr><tr><td>From 1 to 4 = Fail</td><td>F = Fail</td></tr></tbody></table>	ROMANIAN grading system	ECTS grade	10 = Excellent	A = Excellent	9 = Very good	B = Very good	From 7 to 8 = Good	C = Good	6 = Satisfactory	D = Satisfactory	5 = Sufficient	E = Sufficient	From 1 to 4 = Fail	F = Fail	-----
ROMANIAN grading system	ECTS grade															
10 = Excellent	A = Excellent															
9 = Very good	B = Very good															
From 7 to 8 = Good	C = Good															
6 = Satisfactory	D = Satisfactory															
5 = Sufficient	E = Sufficient															
From 1 to 4 = Fail	F = Fail															

<sup>13</sup> The ECTS user's guide is available here: [https://ec.europa.eu/education/resources-and-tools/document-library/ects-users-guide\\_en](https://ec.europa.eu/education/resources-and-tools/document-library/ects-users-guide_en)



Coimbatore, India	<p>1 credit =15 hours total work  1 Full academic year = 40 credits (approx.)  1 Semester = 20-25 credits (approx.)</p> <p>Grading distribution will be provided by student's Transcript of Records.</p> <table border="1" data-bbox="684 452 1457 888"> <thead> <tr> <th data-bbox="684 452 1110 484">Grading system</th><th data-bbox="1110 452 1457 484">grade</th></tr> </thead> <tbody> <tr> <td data-bbox="684 484 1110 515">10 = Outstanding</td><td data-bbox="1110 484 1457 515">O = Outstanding</td></tr> <tr> <td data-bbox="684 515 1110 547">9 = Excellent</td><td data-bbox="1110 515 1457 547">A+ = Excellent</td></tr> <tr> <td data-bbox="684 547 1110 579">8 = Very Good</td><td data-bbox="1110 547 1457 579">A = Very Good</td></tr> <tr> <td data-bbox="684 579 1110 610">7 = Good</td><td data-bbox="1110 579 1457 610">B+ = Good</td></tr> <tr> <td data-bbox="684 610 1110 642">6 = Above Average</td><td data-bbox="1110 610 1457 642">B = Above Average</td></tr> <tr> <td data-bbox="684 642 1110 674">5 = Average</td><td data-bbox="1110 642 1457 674">C = Average</td></tr> <tr> <td data-bbox="684 674 1110 706">4 = Pass</td><td data-bbox="1110 674 1457 706">P = Pass</td></tr> <tr> <td data-bbox="684 706 1110 737">0 = Reappearance Required</td><td data-bbox="1110 706 1457 737">R = Reappearance Required</td></tr> <tr> <td data-bbox="684 737 1110 769">0 = Ineligible</td><td data-bbox="1110 737 1457 769">IE=Ineligible</td></tr> </tbody> </table>	Grading system	grade	10 = Outstanding	O = Outstanding	9 = Excellent	A+ = Excellent	8 = Very Good	A = Very Good	7 = Good	B+ = Good	6 = Above Average	B = Above Average	5 = Average	C = Average	4 = Pass	P = Pass	0 = Reappearance Required	R = Reappearance Required	0 = Ineligible	IE=Ineligible	-----
Grading system	grade																					
10 = Outstanding	O = Outstanding																					
9 = Excellent	A+ = Excellent																					
8 = Very Good	A = Very Good																					
7 = Good	B+ = Good																					
6 = Above Average	B = Above Average																					
5 = Average	C = Average																					
4 = Pass	P = Pass																					
0 = Reappearance Required	R = Reappearance Required																					
0 = Ineligible	IE=Ineligible																					

#### 9. Any other information regarding the terms of the agreement (optional)

RO BRASOV01 - Selection/preparation/integration of incoming students and staff will be carried out in accordance with the principles of the Erasmus University Charter. Additional information is provided at <https://www.unitbv.ro/en/>  
Partner Universities will send a detailed nomination list with the beneficiaries of the Erasmus mobility, by e-mail, to incoming@unitbv.ro, together with the required documents. The required documents will be sent by e-mail (pdf format). We could specify in due time, upon request, if special needs of students and staff with disabilities can be fulfilled.

COIMBATORE, INDIA - -----



## 10. Termination of the agreement

In the event of unilateral termination, a notice of at least one academic year should be given. This means that a unilateral decision to discontinue the exchanges notified to the other party by 1 September 20XX will only take effect as of 1 September 20XX+1. The termination clauses must include the following disclaimer: "Neither the European Commission nor the National Agencies can be held responsible in case of a conflict".

## SIGNATURES OF THE INSTITUTIONS (legal representatives)

Institution (Erasmus code or name and logo)	Name, function	Date	Signature <sup>14</sup>
RO BRASOV01	prof. Dr. Eng. Ioan Vasile ABRUDAN, Rector	10.01.2024	
Coimbatore, India	Dr. R. Elijah Blessing Vinoth, Registrar	10.01.2024	 Karunya Institute of Technology and Sciences (Deemed to be University) Karunya Nagar, Coimbatore-641114

For further details, refer to the relevant provisions of the national legislation.

<sup>14</sup>Scanned copies of signatures or digital signatures may be accepted depending on the national legislation

## 5. ICAR – National Bureau of Agriculturally Important Microorganisms (NBAIM)



தமிழ்நாடு தமில்நாடு TAMILNADU

07.11.2023 Karunya Institute of Technology  
and Sciences  
Coimbatore

H. POURNIMA  
STAMP VENDOR

103, MADURAI VEERAN KOVIL STREET,  
B.K. PUDUR, KUNIYAMUTHUR,  
CBE - 06. TAMILNADU.  
REF.No: 928/B1/2021-13/CBE

BH 557350



Umbrella Memorandum of Understanding  
between  
(ICAR - National Bureau of Agriculturally Important Microorganisms)  
and  
Karunya Institute of Technology and Sciences (Deemed to be University)  
for facilitating  
Students' Training / Postgraduate Research

This Memorandum of Understanding (hereinafter referred to as MoU) is made on this 15<sup>th</sup> day of the month of April in the year 2024 by and between the NBAIM (National Bureau of Agriculturally Important Microorganisms) having its Head Office at Kushmaur, Mau Nath Bhanjan, UP, India-257103 (hereinafter called First party) a constituent Research Institution of the Indian Council of Agricultural Research, Krishi Bhavan, New Delhi-110001 on the ONE PART and the Karunya Institute of Technology and Sciences, Deemed to be University, (NAAC Accredited A++ and ICAR Accredited) having its headquarters at Karunya Nagar, Coimbatore, Tamil Nadu, India - 641114 [hereinafter called Second party] on the OTHER PART (who for the purpose of this MoU are hereinafter collectively referred to as the parties).

(Signature of First Party)

भा.कृ.अन.प. – राष्ट्रीय कृषि उपयोगी नियमजीव अूसे  
कुशमार, मऊ नथ भवान-275103 (उपमा)  
Dr. Alok Kumar Srivastava  
Director  
ICAR-National Bureau of Agriculturally Important Microorganisms  
Kushmaur, Mau Nath Bhanjan-275103 (U.P.)

(Signature of Second Party)



The parties, having discussed fields of common research interests and allied activities between the two institutions, have decided to enter into long-term collaboration for promotion of students' training and quality postgraduate research in cutting edge areas in accordance with the provisions contained in the Guidelines issued vide Letter No. 2-8/2012- HRD dated 11th December, 2012 or as revised from time to time.

WHEREAS the "First Party" is involved in the studies on "Bacterial endophytes for biotic stress management, Microbial diversity, Soil microbiome, Organic matter recycling and Biomass valorization and DNA Fingerprinting". (specific mandated domain within the approved disciplines/divisions), AND WHEREAS the "Second Party", established vide F. No9-3/2000-U3 dated 26.03.2004 by Govt. of India / Ministry of Human Resource Department (Name of the Agency) vide Act No. section -3 of UGC act 1956 of and recognized by University Grants Commission] at its School of Agricultural Sciences of Karunya Institute of Technology and Sciences is involved in Plant-Microbe Interaction, Soil microbiome and metagenomics, Microbial diversity and Biomass valorization, AND WHEREAS it has been considered expedient to agree in writing to participate jointly in the projects requiring expertise and logistics from both the parties.

#### Article 1. Scope

- 1.1 The Second party will recognize the First party as an Institute for conducting research related to the thesis requirement of the research students for U G , P G & P h . D . The Second party will recognize Scientists of the ICAR Institute as recommended by its Director in accordance with the University rules and regulations for guiding students working for the said degree.
- 1.2 Operational details of research effort and collaboration will be made in common research programmes and/or projects restricted to specific mandated domain within the approved disciplines/divisions. The objective(s) for research work for a student coming from a Second party outside NARS should be exclusively different as far as possible.
- 1.3 Research instrumentation facility and library facilities available with the First party and the Second party will be made available to the faculty and research scholars. However, the costs of specific consumables will be borne by the respective organizations.
- 1.4 There shall be an exchange of students for academic, research and training purposes. Accommodation in the Hostel shall be arranged, wherever possible, as per extant rates. The duration of exchange visits will be determined by mutual consent between both parties.



(Signature of First Party)

निदेशक  
भाकृ.अनु.प.-राष्ट्रीय कृषि उपयोगी सूखगजीव व्यूरो  
कुसमीर, मऊ नाथ भजन-275103 (उप्र.)  
Dr. Alok Kumar Srivastava  
Director  
ICAR-National Bureau of Agriculture for Important Microorganisms  
Kushmair, Maunath Bhajan-275103 (U.P.)



(Signature of Second Party)



## Article 2. Management

- 2.1 Director of the First party and the Vice-Chancellor/Head of the Institution of the Second party will be responsible to work out operational details of co-operation between the two organizations and ensure proper and effective implementation of this MoU.
- 2.2 The Advisory Committee will meet at least once in a year alternatively in the institutions of the First party and the Second party to review the activities. This meeting shall include a presentation on the academic and research activities, which should be open to the students, faculty and scientists.

## Article 3. Exchange of Information

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

## Article 4. General Provisions

- 4.1 It is understood that the First party and the Second party subscribe to the principle of equal opportunity and do not discriminate on the basis of race, sex, age, caste or religion. Both the Institutions shall abide by these principles in the administration of this agreement and neither party shall impose criteria for exchange of scholars or students, which violate principles of non-discrimination.
- 4.2 Both parties understand that all financial agreements will have to be negotiated separately and will depend on the availability of funds.
- 4.3 Both parties acknowledge that exchange of students from one party to the other shall be subject to the availability of funds and shall comply with the regulations and policies of the First party and the Second party.
- 4.4 Any research publications arising will be jointly published in accordance with the provisions laid out in Item 3.2.1C of the Guidelines for the students to conduct research for their degree programme as trainees at ICAR institutions as notified vide Letter No. 2-8/2012-HRD dated 11th December, 2012 or revised guidelines, if any, as may be issued from time to time.
- 4.5 A copy of the thesis/dissertation will be submitted to the First Party after the award of the degree by the Second party.

(Signature of First Party)

डॉ आलोक कुमार श्रीवाल्तव  
निदेशक  
भा.कृ.अनु.प.-राष्ट्रीय कृषि उपयोगी सूक्ष्मजीव व्यूरो  
कुसमीर, मज. नाथ भंजन-275103 (उपग्रा)  
Dr. Alok Kumar Srivastava  
Director  
17-National Bureau of Agriculturally Important Microorganisms  
Kushmee, Maunath Bhawan, 2

(Signature of Second Party)



- 4.6 All questions related to this MoU arising during its term will be settled by the parties by mutual agreement. Disagreements at the operating level shall be forwarded to respective higher officials for appropriate resolution failing which an arbitrator of mutual acceptance may be identified for the settlement of dispute, if any.
- 4.7 All questions not foreseen related to this MoU will be handled by the parties by mutual agreement.
- 4.8 Nothing in this MoU is intended to affect other cooperation or collaborations between the parties.

#### **Article 5. Intellectual Property Rights**

- 5.1 The Second party will be expected to ensure protection of the Intellectual Property Rights generated or likely to be generated during the student's research work. The ICAR as the first applicant (for its institute) and the Second party shall be the joint applicants for IPRs and the students and involved scientific staff shall be included as the inventor/breeder/author. The 'ICAR Guidelines for Intellectual Property Management and Technology Transfer/Commercialization' as amended from time to time shall be the reference for exploitation of the generated intellectual property, whose management and benefits sharing shall be mutually decided in each case.

#### **Article 6. Admission and Fees**

- 6.1 All those who wish to register as trainees or for Master/Doctoral programme under this MoU must apply for admission at the Second party. The allocation of Major Guide/Advisor would be finalized before the registration and will be governed by the provisions laid out in Items 3.2.1A and 3.2.2A of the Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions as notified vide Letter No. 2-8/2012-HRD dated 11th December, 2012 or revised Guidelines, if any, as may be issued from time to time, for the students from within NARS and outside NARS, respectively.
- 6.2 Admission of the students and the award of degrees for different programmes will be the responsibility of the Second party as per the rules and regulations.
- 6.3 Allotment of the students at the First party will be done by the approval of Director of the First party and Vice-Chancellor/Head of the Institution of the Second party.
- 6.4 The First party would have the right to screen the student's eligibility for admission based on their academic period.
- 6.5 The PME Cell of the First party in consultation with the representative of the Second party shall decide the location and sharing quantum of research work.

(Signature of First Party)

भा.कृ.अनु.प.-राष्ट्रीय कृषि उपयोगीसूखजीव द्वारा  
कुसरी, मऊ नाथ भजन-275103 (उप्रा)  
Dr. Alok Kumar Srivastava  
Director  
ICAR-National Bureau of Agriculture Important Microorganisms  
Kashipur, Maunath Bhajan-275103 (U.P.)

(Signature of Second Party)



6.6 The number of student(s) at any particular time will be subjected to the availability of research facilities and scientists' time to guide thesis research at the First party institution.

6.7 Any student(s) admitted to the First party for training/postgraduate research, if found violating the rules and regulations laid down by the First party or indulge in such activities that amount to tarnishing the image of the Institute, or cause damage to the property, the registration of such student(s) would be summarily terminated. The Second party will not complete the formalities of issuing the certificates to such students until they compensate the losses to the First party.

6.8 Fees will be charged from the students by the First party as per Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions vide Letter No. 2-8/2012-HRD dated 11th December, 2012 or revised Guidelines, if any, as may be issued from time to time. No fee may be charged by the First party from the students registered with AU/DU within NARS. However, a student registered with a Second party, outside NARS, will deposit fee of Rs. 10,000/- for training duration of 3 months (not leading to a degree/dissertation) and Rs. 30,000/- per semester (six months) for training, research, dissertation exceeding three months. Any change in fee structure by ICAR will be applicable from the date of revision and shall be charged by the First party.

#### **Article 7. Entry into effect, modification and termination**

7.1 This MoU shall become effective on the date it is signed by the parties and shall be valid for three years extendable up to five years. Both parties shall review the status of the MoU at the end of each three/five -year period to determine any modification, whenever necessary. The period of validity of this MoU may be extended by mutual consent up to five years. This MoU may be amended by mutual written agreement and may be terminated at any time by either party upon written notification signed by the competent authority of the party initiating termination. Such notification must be given to the other party at least six months in advance from the effective date of termination.

7.2 All joint activities not completed at the expiration or termination of the MoU may be continued until their completion under the terms of this MoU.

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

This MoU has been executed in two originals, one of which has been retained by the First party and the other by the Second party).

(Signature of First Party)

डॉ. आलोक कुमार श्रीवास्तव  
निदेशक  
आ.कृ.अन.प.—राष्ट्रीय कृषि उपयोगी सूक्ष्मजीव वर्ग  
कुसमीर, मऊ नाथ भजन—275103 (उप्र.)

Dr. Alok Kumar Srivastava  
Director

ICAR-National Bureau of Agriculturally Important Microorganisms  
Kushinagar, Maunath Bhanjan-275103 (U.P.)

(Signature of Second Party)



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

**(Name and Address of the First Party)**

Dr. Alok K. Srivastava  
Director  
ICAR-NBAIM, Kushmaur,  
Mau, 275 103 (U.P.)  
Email: director.nbaim@icar.gov.in  
Tel No - 0547-2970727

Date



**Signature with Seal**

भा.कृ.अनु.प.-राष्ट्रीय वृक्ष उपयोगी मूल्यवान व्यूरो  
कुसमीर, मऊ नाथ भंजन-275103 (उ०प्र०)  
Dr. Alok Kumar Srivastava  
Director  
ICAR-National Bureau of Agriculturally Important Microorganisms  
Kushmaur, Maunath Bhawan-275103 (U.P.)

**(Name and Address of the Second Party)**

Prof. Dr. R. Elijah Blessing  
Registrar  
Karunya Institute of Technology and Sciences,  
Karunya Nagar, Coimbatore - 641 114  
Email: registrar@karunya.edu  
Tel No.: 0422-2614321

Date : April 15, 2024



**Signature with Seal**

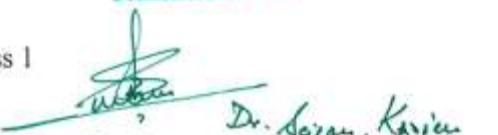
Dr. R. Elijah Blessing  
Registrar,  
Karunya Institute of Technology and Sciences  
(Deemed to be University)  
Karunya Nagar,  
Coimbatore-641114

Witness 1



DR. HILLOL CHAKDAR

Witness 1

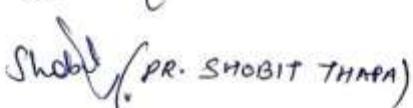


Dr. Sajan Kurien

M.Sc.(Hort)., Ph.D.,  
Professor & Dean  
School of Agricultural Sciences

Karunya Institute of Technology and Sciences  
(Declared as Deemed to be University)  
Karunya Nagar, Coimbatore - 641114

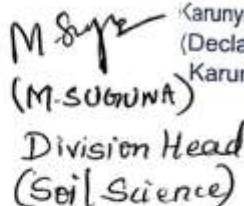
Witness 2



PR. SHOBIT THAPA

Witness 2

भा.कृ.अनु.प.-रा.कृ.उ.सू. व्यूरो  
कुसमीर, मऊ (उ०प्र०)  
ICAR-NBAIM  
Kushmaur, Mau (U.P.)



M. Suguna  
(M. SUGUNA)

Division Head  
(Soil Science)

## 6. TMI Systems, Bangalore



தமிழ்நாடு தொழில்நுட்ப மூலை திட்டம் | Institute of Technical Education and Training, Tamil Nadu | T.I.E.T. | 56AA 849313

1912194



56AA 849313



#### LETTER OF COOPERATION

This **LETTER OF COOPERATION** is intended to be made this 15<sup>th</sup> day of April, 2024, between Karunya Institute of Technology and Sciences (Deemed-to-be-University), having its office at Karunya Nagar, Coimbatore – 641114, South India and represented by its Registrar Dr. R. Elijah Blessing, (hereinafter referred to as **KITS**), (which expression unless repugnant to the context and meaning shall mean and include his assigns, legal representative, nominee, successor in office, administrator, executor, etc.) of the ONE PART,

and

M/s TMI SYSTEMS, having its office at No. 1027, 4th 'M' Block, Dr.Rajkumar Road, Rajajinagar, Bengaluru – 560 010 represented by its Manager, Mr. S.Kumar, (Biomedical Application;T&M) S.Kumar (hereinafter referred as "TMI"), (which expression unless repugnant to the context and meaning shall mean and include his assigns, legal representative, nominee, successor in office, administrator, executor, etc.) of the OTHER PART



S. Kumar

भारतीय गैर न्यायिक

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रुपये  
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RUPEES  
Rs.10

INDIA NON JUDICIAL

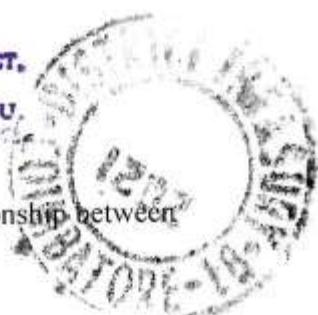
தமிழ்நாடு சட்டம் TAMIL NADU

56AA 849314

19/2/24



J. DEEPA  
STAMP VENDOR  
20N(1), LAKSHMI NARAYANA SAMY STREET,  
POOLUVAPATTI, ALANDURAI,  
COIMBATORE - 641101-TAMIL NADU,  
L-No: 928/B1/2021 - 47



Solely with a view to provide a platform to build a strong and on-going relationship between both parties.

#### OBJECTIVES

To augment this common goal and objective both parties agree to establish a JOINT WORKING GROUP for coordination. Both parties shall ensure that the JOINT WORKING GROUP comprises of appropriate personnel representing either party to discuss and implement the measures envisaged in this letter of cooperation.

#### The primary goals are mentioned below

To develop and foster strategic linkages with Department of Biomedical Engineering, and the technical team of TMI .

To assist the students of KITS and enhance their knowledge about the latest technologies in which Research is involved.

To understand the needs and expectations of both the KITS and the TMI and to identify the measures required to meet above objectives.



S. Kumar

To give valuable inputs to suitably customize the training methodology so that the students fit into the industrial scenario meaningfully.

On behalf of KITS the respective HOD and the designated Faculty coordinator and on behalf of TMI SYSTEMS the designated Director of the company would deliberate the coordinated and systematic activities, in a mutual beneficial manner, in the interest of the students and faculty of KITS in particular, and in the mutual interest of both KITS and TMI at large.

It is agreed and understood between the parties that both parties shall take all reasonable steps to cooperate and ensure successful implementation of all the activities envisaged in this letter of cooperation.

#### **MECHANISMS FOR COOPERATION**

The “**Joint Working Group**” will implement, administer and execute the following activities to achieve the objectives like.

##### **Technical Presentations and Talks**

TMI will provide its speakers to participate and deliver technical presentations and talks on topics that are jointly decided by Department and TMI.

##### **Participation in Technical Events and Symposiums**

TMI and the KITS will jointly participate in technical events and symposiums at KITS. The final decision will be taken on a case to case basis after review and discussion between the TMI and the KITS.

##### **Guest Lectures for Students**

TMI proposes to participate in providing guest lectures relevant to the syllabus subjects where industry inputs are desirable.

##### **Placement of Competent Students**

Joint working group of TMI will endeavor to assist in the placement of toppers and competent students of final year which will be need based and demand driven.

##### **Providing Internships to Students**

TMI SYSTEMS will support technical competence in students by providing internships to students during vacations as recommended by the joint working group of TMI and the KITS

##### **Industry Institute Interaction**

TMI would propose an advisory service and participation for a robust industry interaction. These may include facilitation of R & D in Biomedical Engineering. TMI would provide advisory service to Biomedical Engineering department to facilitate the faculty to pursue research in areas relevant to industry and in bringing in collaborative / sponsored research projects to the department.



2/2



S. Kumar

#### **Confidentiality**

Either party guarantees and acknowledges that all information whether in writing or oral or otherwise obtained from other party under this Letter of Cooperation would be kept strictly confidential during the tenure of the Letter of Cooperation or after its cessation for a period of 2 years and either party shall not divulge, disclose or impart such confidential informations to any third person/organization.

#### **Miscellaneous**

However it is understood and agreed between the parties that this letter of cooperation is a non-binding one and more particularly does not impose any legal or financial commitments between the parties.

It is agreed and understood between the parties that this joint deliberation, pursuant to this letter of cooperation, is at will and shall be valid for a period of 1 (one) year and may be called off by either party on any day, by giving a month's notice to the other party, prior to the appointed date of withdrawal. However this letter of cooperation may be renewed for further term, with mutual consent.

Neither party hereunder shall be liable for any consequential loss or damages arising out of the performance of obligations under the terms of this Letter of Cooperation.

For and on behalf of

**Karunya Institute of Technology &  
Sciences,**



**Prof. Dr. R. Elijah Blessing,**  
Registrar,  
Karunya Institute of Technology & Sciences,  
Karunya Nagar, Coimbatore, Tamil Nadu  
641114.

Dr. R. Elijah Blessing  
Registrar,  
Karunya Institute of Technology and Sciences  
(Deemed to be University)  
Karunya Nagar,  
Coimbatore-641114

For and on behalf of

**TMI SYSTEMS**



**Mr. S. Kumar,**  
Manager – Biomedical Application; T&M  
No. 1027, 4<sup>th</sup> 'M' Block, Dr. Rajkumar Road,  
Rajaji Nagar, Bengaluru – 560 010



*Our New Address*

**TMI SYSTEMS**

# 6&7, 1st Floor, ISICOS Building,  
West of Chord Road, Industrial Town,  
Rajajinagar, Bengaluru- 560010



### **3.3.2 Outreach programmes and Projects in the local community to improve or promote health & wellbeing including hygiene, nutrition, family planning, sports, exercise, aging well, and other health and wellbeing related topics.**

Karunya Institute of Technology and Sciences (KITS) recognizes the vital role of community engagement and actively participates in initiatives that enhance the health and well-being of the local population. The university conducts a wide range of programs and activities through various outreach projects aimed at creating a lasting positive impact on society. These initiatives often include student volunteering programs that provide valuable opportunities for students to serve the community, develop empathy, and gain real-world experience.

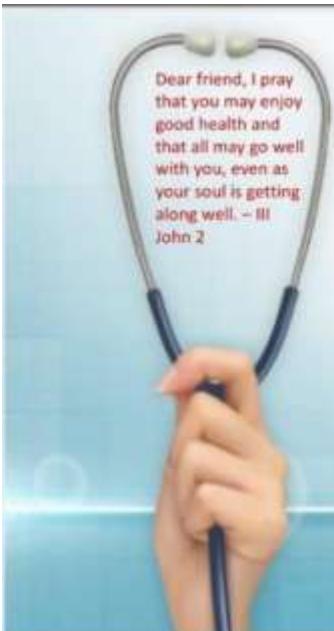
In collaboration with local, national, and international government and non-governmental organizations, KITS continues to strengthen its efforts to promote public health and wellness. The university organizes workshops, seminars, and awareness campaigns on hygiene, cleanliness, and preventive healthcare, alongside conducting medical camps in rural areas. Additionally, through the National Service Scheme (NSS), students visit orphanages and old age homes, extending care and compassion by distributing food, essentials, and spending time with the residents - demonstrating the Institution's deep commitment to holistic service and community development.

#### **1. Free Medical Camp**

**Date: 01.07.2023**

**Venue: Angel Garden community hall**

In remembrance of the Birthday of the Late Founder and the First Chancellor of KITS, Dr. DGS. Dhinakaran, a Medical Health check-up camp was organized on 1<sup>st</sup> July 2023 in association with Angel Garden Welfare Society which was inaugurated by Mr. Anand, Trustee of Karunya Educational and Research Trust. Ten Hospital staff of the Karunya Hospital including a Medical Officer participated in the camp. Physical examination along with free blood sugar, blood pressure, Biothesiometry (foot sensation study), Doctor Consultation were carried out by the hospital.



Dear friend, I pray that you may enjoy good health and that all may go well with you, even as your soul is getting along well. – III John 2

**Karunya Welfare Society**

**Karunya HOSPITALS**

In remembrance of our Beloved Founder & Prophet  
**Late. Dr. D.G.S. DHINAKARAN**  
on his birthday (01.07.1935)

**Health Check Awareness through  
FREE MEDICAL CAMP**

\*Only for the senior citizens (60+) residing in Angel Garden

The check up covers the following tests:

- ECG
- Random blood sugar (RBS)
- Haemoglobin (Hb)
- Oxygen saturation
- Blood Pressure (BP)
- Biothesiometry
- IMI
- Doctor Consultation

Date : 01.07.2023  
Venue : Angel Community Hall, Ground Floor  
Time : 08:00 AM to 11:00 AM

**G. Jebakumar Selwyn  
Secretary (KWS)**



**Doctor Consultation**



**Vitals Monitoring**



**Blood Glucose & Hemoglobin Testing**



**BIOTHESIOMETRY**



### **ECG monitoring**

Around 17 members came for the health checkup. Doctor advised them various medicines and consultation during the camp. The hospital registration staffs explained about the discount policy for camp referrals and also about the facilities of our hospital to the attended members. We also thank Angel Garden Welfare Society for providing the necessary space and things for conducting the camp.

## **2. Eye Screening Camp**

**Date: 25/09/2023**

**Venue: Sadivayalpathi**

Karunya Centre for Community Academia Collaboration, Karunya Hospitals along with Vasan Eye Care organised a Free Eye Screening Camp to the poor and tribal community at sadivayalpathy, a tribal village. The president of Mathuvarayapuram village, Rotary club president, Dr. Josiah Daniel, Director of Karunya centre for community academia collaboration and Dr. Samuel Thomas, Director of Karunya Hospitals and the PRO for Vasan eye care hospitals were present during the inauguration of the Eye Camp.

The eye was organised to screen people for refractive error problems, identify major causes of vision impairment and to provide treatment for minor ailments or refer to the eye hospital for further management. The rotary club of Coimbatore will support the needy people with free surgeries and spectacles.

The optometry team from Vasan Eye Care with the medical team of Karunya hospitals screened the people for their ailments and gave free medicines to the needy. Around 113 people benefitted through the eye camp. The rotary club President Mr. Ganesh had discussion with the director of Karunya hospitals, Dr. Samuel Thomas regarding the starting of dialysis unit at Karunya Hospitals.



### 3. Celebrating World Heart Day

**Date: 29/09/2023**

**Venue: Karunyaa Hospitals**

Karunyaa Hospitals along with NG Hospitals, and Karunyaa Deemed University came together on World Heart Day, offering Medical Health check-up such as

- FREE heart screenings!
- ECG
- ECHO
- blood pressure
- blood sugar checks
- Expert consultations
- Awareness speech about the non-communicable diseases and healthy life style

Around 135 members participated in the camp and 23 people were identified with abnormalities and referred for further treatment

### **Doctor consultation:**



### **4. Dengue Awareness Programs in Tribal Villages**

**October 2023**

**Venue: Tribal Villages**

In the month of October, Karunya Hospitals took several steps to bring Dengue Awareness among the tribal community living in the foothills of Siruvani forest. Karunya Hospitals along with EMHSS and Government Primary Health Centre conducted an Awareness Program with a display of Drama to educate the tribal people about the ill effects of Dengue. The awareness speech was given by Dr. Deepa, PHC In-Charge. The EMHSS medical club students performed a drama with local songs and brought awareness. The event was much appreciated by the Block medical officer. The Photographs of the events are given below:



## 5. Heart Disease Awareness Program and Free Medical Camp

**Date: 12.01.2024**

**Venue: Karamarathoor**

Karunya Hospitals made a positive impact in Karamarathoor with a successful medical camp and reached a milestone by serving 10,000 patients from unreached areas! Free medical camp on 12.1.2024 focused on the awareness of heart diseases providing the following services

- Doctor Consultation,
- Free medicines,
- Blood Pressure and other vitals
- Random blood sugar
- Non communicable diseases awareness speech

30 members from the community attended the camp and got benefitted. The high risk patients were referred to Karunya Hospitals for further treatment

### **Highlights of the Camp:**



**Doctor Consultation**



**Blood pressure monitoring**



**Free medicines to Public**

## 6. Cancer Awareness Program and Free Medical Camp

**Date: 02.02.2024**

**Venue: Gandhi Colony**

Making a Difference in Gandhi Colony! Karunya Hospitals and Rotaract Club of Karunya University joined hands for an impactful Oral Cancer Awareness Campaign in Semmedu's Gandhi Colony, one of the down trodden villages near Karunya Nagar. Dr. Samuel Thomas, Director of Karunya Hospitals, delivered an enlightening speech on cancer awareness, while the dedicated Rotaract Club students distributed informative brochures.

Empowering the Community with Knowledge! Together, we strive to spread awareness and fight against oral cancer. The following services were provided by the Karunya Hospitals

- Consultation,
- Free medicines,
- Blood Pressure and other vitals with an abundance of love and warmth from our dedicated staff.
- Cancer awareness speech

50 members from the community attended the camp and got benefitted.

### Highlights of the Camp:



**Doctor Consultation**



**Door to Door Awareness**



**Video Awareness Program**

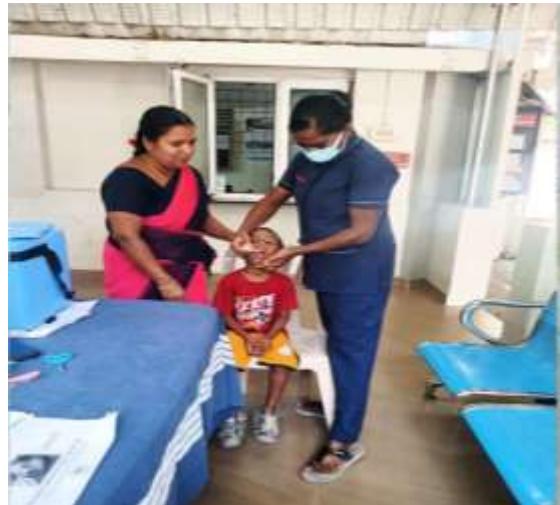
## **7. Free Medical Camp**

**Date: 03.03.2024**

**Venue: Karunya Hospitals**

Karunya Hospitals stands united with the Nation on National Pulse Polio Day! Our dedicated team is actively administering pulse polio drops on our premises along with the local government primary health centre staff, reaffirming our commitment to the health and well-being of our children. Around 45 children were benefitted through the camp.

## Highlights of the Camp:



## 8. Women's Day Medical Camp

**Date: 08.03.2024**

**Venue: Karunya Hospitals**

In celebration of International Womens Day, the Karunya Hospital rolled out the red carpet for our incredible community women, offering a day filled with health consciousness and remedial measures.

The services provided were:

- Blood Pressure Checks
- Blood Sugar Tests
- Hemoglobin Screenings
- Ultrasound Scans
- Breast Cancer Exams
- Doctor Consultations

Nearly 50 Women took advantage of these vital services. Dr. Pramila, a beacon of inspiration as a surgeon was the Chief Guest, sharing her insights on women's health.

## Highlights of the Camp:



### 9. FREE MEDICAL CAMP

**Date: 29.06.2024**

**Venue: Little Hearts, Home for Special Children**

In celebration of the birthday of the Katelyn Anna Dhinakaran, the granddaughter of Dr. Paul Dhinakaran, the Chancellor of KITS and daughter of Mr. Samuel Dhinakaran, the Vice-President of KITS, Karunya Hospitals organized a heartwarming medical camp at Little Hearts Home near Karunya Nagar. The Little Hearts is a home for special children run by a nongovernmental organization. The services offered to the Children are:

- Free consultation
- free medicines
- Blood Pressure and other vitals with an abundance of love and warmth from our dedicated staff

34 Mentally Challenged could be served, bringing smiles and support as a part of contribution to the deprived community.

## Highlights of the Camp:



**Doctor Consultation**



## 10. Generation Wellness Webinar on World Mental Health Day: 8.10.2023



“Generation Wellness” typically refers to a holistic approach to wellbeing that spans across different age groups and generations. It encompasses promoting physical, mental, and emotional health for individuals of all ages. The idea behind “Generation Wellness” is to foster healthy habits, resilience, and mental health support for everyone, from children to the elderly, to create a healthier and happier society. It emphasizes that well-being is not limited to a specific age group but is essential for everyone, regardless of their generation.

“On World Mental Health Day, the Rotaract Club organized an insightful online program focused on ‘Generation Wellness.’ The event’s highlight was a captivating talk by Dr. John Samuel Appavoo, a seasoned physiotherapist and expert in the field. The program aimed to shed light on the connection between physical well-being and mental health, providing valuable insights for our community.”



## 11. District Priority Project – Hygienic Literacy: 14.10.2023



The Rotaract Club of KITS recently embarked on a meaningful journey to a remote village Perumal Kovil Pathy iruttupallam, where, Karunya Hospitals conducted a hygienic literacy program and distributed essential items to uplift the community. This initiative aimed not only to improve the villagers' overall well-being, but also to promote awareness and education regarding hygiene and sanitation.

Following the educational activities, the Rotaract Club organized a thought-provoking drama performance that revolved around the themes of hygiene, alcoholism, and the significance of school education. The powerful message conveyed through the drama left a lasting impression on the audience, encouraging them to reflect on these crucial topics and the impact they have on their lives. During our visit, The students organized interactive singing session with the kids and this sessions empowered the villagers with valuable knowledge and practical skills to maintain better personal hygiene and ensure a healthier living environment. Furthermore, essential items were distributed to the community for their well-being. This included hygiene kits consisting of soap, toothbrushes.

The dedicated members of the Rotaract Club of Karunya School of Management performed a drama based on the three important crucial themes, personal hygiene, advocating a healthy lifestyle free from alcohol, and nurturing the importance of children's education.



**Rotaract club of KSM BOARD MEMBERS with village kids to promote hygienic literacy and distribute essential hygiene kits.**

## **12. August Month Blood Donations**

**Name of event:** AUGUST MONTH BLOOD DONATIONS

**Event date:** 24-07-2023

**Number of Units Donated:** 9

The Rotaract Club of Karunya University carried out a remarkable blood donation drive last week on July 24, 2023 at Ganga Hospitals, Coimbatore. The event aimed to address the critical need for

blood in the community's healthcare system and contributed significantly to saving numerous lives. Through the collective efforts of Club members, this event served as a shining example of humanitarian service and made a positive impact on the lives of those in need. The drive resulted in an impressive number of blood units donated, directly contributing to saving numerous lives across various medical emergencies and treatments. Our Club's blood donation drive stands as a testament to the power of collective humanitarian efforts. Through their dedication and commitment, Rotaract Club members and volunteers succeeded in making a positive impact on the lives of countless individuals in need of blood. The Club extends its heartfelt gratitude to all the donors, volunteers and partners who participated in the blood donation drive, making it a resounding success. Their selfless contributions have undoubtedly played a vital role in saving many lives and reinforcing the spirit of service within the community.



### 13. Pollution Control Awareness

**Name of event:** Pollution Control Awareness

**Event Chairperson:** Rtr.Sudar, Rtr.Gowtham, Rtr. Suriya, Rtr.Hindu

**Event date:** 16.09.23

**Number of Participants:** 200

**Event Description:** With a strong commitment to education, the Rotaract Club aimed to raise awareness about the importance of PUC (Pollution under Control) certificates among the local population. To achieve this goal, club members engaged in informative discussions, distributed pamphlets, and conducted interactive sessions to enlighten people about the significance of PUC certification in combating pollution. The Rotaract Club members were taken to the streets, attaching eye-catching tags to bikes that served as a visual reminder for vehicle owners to ensure their vehicles were PUC-certified. Our Club members, armed with the inventive posters about pollution control, which embarked on a mission to paste them in high-visibility areas around the Campus, ensuring that the entire community would be exposed to the critical message.





#### **14. Pink Positive (Breast Cancer Awareness Programme)**

**Name of event:** Pink Positive (Breast Cancer Awareness Programme)

**Event date:** 14.10.23

The Rotaract Club of KITS hosted a highly informative and empowering Breast Cancer Awareness Program for the women in our club. The event commenced at 9 am with Dr. PaneerSelvam, a Senior Medical Specialist from Karunya Hospital, addressing the students. He provided valuable insights into cancer and its effects, fostering an understanding of this critical health issue. The program featured Dr. Krithikaa Sekar, an esteemed Medical Professional, who delivered a thoughtful and engaging presentation on breast cancer awareness. The event was skillfully emceed by Rtr. Patricia, ensuring that the session was both informative and welcoming. The program began with a warm welcome by Rtr. Patricia, who set a friendly and inclusive tone for the event. Her skilled emceeing helped to create a comfortable and supportive environment for all participants. Dr. Krithikaa Sekar, addressed the audience with a presentation that was both enlightening and reassuring. She delivered critical information about breast cancer, its early detection, and emphasized the importance of a positive attitude throughout the journey. Her presentation was towards removing fear and stigmatization associated with breast cancer and encouraged a proactive and informed approach to breast health.

Following her presentation, She engaged the audience in an interactive Q&A session. This allowed participants to seek clarifications and share their concerns and experiences, further fostering a sense of community and support.

One of the most touching moments of the event was when the attendees made a symbolic gesture that left a lasting impression. As part of the program, a unique activity was organized, where participants were invited to create their "impression" of support. Each attendee was encouraged to make a colorful fingerprint on a chart, which was thoughtfully designed to represent unity and strength. These fingerprints were a visual representation of their commitment to stand together and support one another, particularly in the face of breast cancer.

These notes served as an encouraging reminder of the strength that comes from a supportive community. The chart, adorned with colourful fingerprints and heartfelt messages, became a powerful visual representation of unity and encouragement.

The programme concluded with heartfelt closing remarks, emphasizing the strength and unity of women in facing the challenges of breast cancer and promoting the idea that early detection and a positive attitude can lead to successful outcomes. We hope that this program has not only provided essential knowledge but has also fostered a strong sense of solidarity among our members. Breast cancer is a challenge that can be faced with courage, knowledge, and a supportive community.





## 15. Awareness Rally on International Day against Drug Abuse and Illicit Trafficking

Date: 26.10.2023

Venue: Karunya Nagar to Iruttupallam & Sadivayal

On account of the **International Day against Drug Abuse and Illicit Trafficking** an awareness rally was conducted by **National Service Scheme (NSS)** of Karunya Institute of Technology and Sciences on 26th June at 9:50 AM. Participants gathered to address the pressing issue of drug abuse, emphasizing the need for awareness, education, and a united effort towards a drug-free society. The event aimed to inspire individuals to make a difference and take a pledge against drugs. The rally commenced near the Administrative Block, weaving its way to Iruttupallam and Sadivayal, with a message emphasizing a drug free society.

At the helm of the rally was Dr. Manoj G, the Program Coordinator of NSS, who led alongside Programme Officers Dr. David Paul Raj R S, **Dr. John Paul**, and **Dr. Dinesh**. They were joined by the Student Coordinators Mr. **Samuel Mug in J**, Mr. **Kaviyarasan K**, Ms. **Sindho Soundarya L**, **Mr.Balakarthick**, forming a leadership front. The rally saw 26 **spirited volunteers** marching with **placards** that boldly conveyed the anti—drug message.

In a bid to educate and inform, volunteers **distributed pamphlets** to local residents, spreading awareness about the dangers of drugs and the importance of a drug—free society. The literature provided valuable information and resources, contributing to the day's overarching goal of enlightenment and prevention. The event came to a successful conclusion at 12 PM. The event showcased the dedication, selflessness, and compassion of the NSS team in serving the community.



## 16. Mega Blood Donation Camp

Date: 04.09.2023 Venue: Elohim Auditorium



The **Mega Blood Donation Comp**, a noble initiative by the National Service Scheme (NSS) in

collaboration with K G Hospital, was held at Elohim Auditorium. This event was organized to coincide with the birthday of our esteemed **Chancellor, Dr. Paul Dhinakaran**. The day commenced with the **DGS Rovers extending a warm** welcome to the Chief Guest. The inauguration of the event **was graced by the Dean of the School of Sciences, Arts & Media, Dr. C. Joseph Kennedy**, who emphasized the importance of such life - saving end efforts.

The response from the student community was overwhelmingly positive, with approximately 180 students participating **in the blood** donation **drive**. Their enthusiasm was palpable as they lined up to contribute to this act of generosity, understanding the impact of their contribution to society. Each student who donated blood was honored with a certificate of appreciation, recognizing their selfless act *and* encouraging others to follow suit.

The **NSS Volunteers** were the backbone of this event, demonstrating exceptional organizational skills and commitment. Their tireless efforts ensured the smooth and successful completion of the comp. From registrations to assisting the medical staff, the volunteers worked in unison, reflecting the spirit of service that NSS stands for. The event spanned from 9:30 AM to 4:00 PM, during which time the auditorium was a hub of activity and camaraderie. The success of the Mega Blood Donation Camp is a testament to the collective spirit of our institution and the values we cherish.

## **17. Special Eye Camp**

**Dates: 21.03.2024 - 23.03.2024**

The Special Eye Comp was successfully conducted, offering free eye check-ups to school students. This initiative was part of the Special Camp 202 a commemorating World Optometry Day *and* was organized in collaboration with the Department of Applied Physics, Karunya Institute of Technology and Sciences and Karunya Hospitals. The camp focuses on examining students' vision, providing recommendations for eye care, and raising awareness about the impact of excessive use of smartphones and screen time on eye health.

The school students greatly benefited from this camp, **gaining valuable** insights into maintaining good eye health and understanding the **importance of** regular eye check-ups.

## **Sharing of Sports Facilities with the Local Community/ Local Schools/ General Public**

As part of our commitment to foster positive relationships in the community and to promote its overall well-being, KITS shares its sports facilities with the local schools and the local community. This inclusive approach not only enhances the accessibility to sports amenities but also encourages physical fitness and a sense of oneness among all stakeholder.

### **Sports Facilities Shared with Local Schools**

The sports facilities of KITS are shared with the local schools, Evangeline Matriculation Higher Secondary School (EMHSS), Coimbatore. EMHSS was granted permission to use the KITS sports club for a period of five years from 2019 and MOU is functional till date.

The Scanned copy of MoU signed between KITS and EMHSS, and is given below.



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13.3.2019 Karunya Institute of Technology  
and Sciences  
Coimbatore

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#### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered into at Karunya Nagar, Coimbatore on the  
9<sup>th</sup> day of August 2019,  
between

**Karunya Institute of Technology and Sciences** (Deemed to be University), Karunya Nagar, Coimbatore - 641 114, represented by its Registrar, Dr. R. Elijah Blessing, (hereinafter referred to as **KITS**), (which expression unless repugnant to the context and meaning shall mean and include its assigns, legal representative, nominee, successor in office, administrator, executor, etc.) of the **ONE PART**

and

**Evangeline Matriculation Higher Secondary School**, situated at Karunya Nagar Coimbatore - 641 114, represented by its Principal, Mrs. Vino Kalai Selvi (hereinafter called the **EMHSS**), (which expression unless repugnant to its context and meaning shall mean and include her assigns, legal representative, nominee, successor in office, administrator, executor, etc.) of the **OTHER PART**

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**EMHSS**, which is having 1200 students and most of them are from the local Rural/Tribal community has approached the **KITS** to extend their sports facilities, such as play grounds and other sports complex to develop the mind and body of the rural and tribal student community of the said **EMHSS**, since they are not having sufficient sports facilities.

AND WHEREAS **KITS** has agreed to provide the said sport complex facilities for the upliftment of Rural/Tribal community and the **EMHSS** has agreed to enter into an MoU for making use of the sports complex facilities with following terms and conditions hereinafter contained:

**NOW THIS INDENTURE WITNESSES AS FOLLOWS:**

**KITS** has, after due consideration of the request of **EMHSS**, agreed to give to use the sports complex and its facilities, exclusively for the said purpose, on the following terms and conditions.

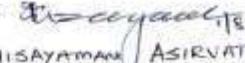
**TERMS AND CONDITIONS**

1. To use **KITS** Sports Facilities by **EMHSS** for a period of 5 years commencing from 01/08/2019.
2. **EMHSS** shall attend to the minor repairs and maintenance to keep the demised premises in good condition throughout the period of MoU.
3. **EMHSS** shall use the demised Sport Complex and the facilities exclusively for the purpose for which the said is given. **EMHSS** shall not use the demised premises for illegal, objectionable and dangerous purposes or for any other purposes opposed to any law.
4. **EMHSS** shall have no right to assign, sub-let, re-let, under-let the demised premises in any manner whatsoever or transfer the demised premises or any portion thereof, to any person, at any time, during the period of the MoU.
5. Any damages to the demised premises, not at the instance of **KITS** and excluding force majeure and unforeseen calamities (Act of God), shall be corrected by the **EMHSS** meeting such costs and expenses by itself.
6. **KITS** or its agents, whose names and identity, for the sake of security, are furnished to **EMHSS** by **KITS**, before hand, shall have a right to inspect the demised premises, with prior notice to **EMHSS**, for the sake of convenience.
7. To safe guard the interest of both **KITS** and **EMHSS**, it is mutually agreed by and between **KITS** and **EMHSS**, that during the currency of this MoU, either party may terminate this MoU, by giving 3 months advance notice in writing, to the other, about their intention to terminate the MoU.



8. Upon termination or sooner determination of this MoU, **EMHSS** agrees to dismantle, remove and take away all items of work, thing, articles, and equipments, if any, installed in the demised premises in connection with the deliberations carried on by **EMHSS**, during the period of the MoU.
9. Both the parties agree that in case of any doubt in respect of the meaning or interpretation of any word or terminology used in the Terms & Conditions of this MoU a liberal meaning may be given to such word or terminology, in the mutual interest of both the Parties,
10. Both parties agree that in case of any differences or dispute between the parties as regards any of the terms & conditions of this MoU, the same may be mutually discussed and resolved amicably. Both parties agree that in all matters of disputes or differences concerning the terms of this MoU, requiring judicial interference, only the Coimbatore courts shall have jurisdiction.
11. **EMHSS** shall have quiet and peaceful possession of the said premises without any hindrance from **KITS**.
12. **EMHSS** shall not have the right to take away any fixtures that **KITS** may attach to the said premises or any item owned by **KITS** and to make good any damage that are occasioned thereby,
13. **EMHSS** shall restore the said premises to **KITS** in original condition subject to normal wear and tear,
14. **EMHSS** shall carry out temporary structural additions or alterations in the said premises with the consent of **KITS**.
15. **EMHSS** agrees to maintain the said premises in good condition at all times.

IN WITNESS WHEREOF THE PARTIES HAVE SET THEIR RESPECTIVE HANDS, AT COIMBATORE,  
TAMIL NADU, ON THE DAY, MONTH AND YEAR FIRST ABOVE WRITTEN

Signed for and on behalf of Karunya Institute of Technology and Sciences (KITS)	Signed for and on behalf of Evangeline Matriculation Higher Secondary School (EMHSS)
 Prof. Dr. R. Elijah Blessing Registrar Date: 01-03-2019 	 Mrs. Vino Kalai Selvi Principal Date: 01-03-2019 
Witness:  (A. JOHN BENNET)	Witness:  (C. ATHISAYAMANI ASIRVATHAM)

### 3.3.4 Sexual and Reproductive Health-care Services

A series of **Sexual and Reproductive Health Care Awareness Programs** were conducted for students residing in the campus residences. The initiative aimed to promote responsible behavior, informed decision-making, and overall well-being among students.

During the sessions, facilitators discussed key topics such as **reproductive health, prevention of sexually transmitted infections (STIs), and the consequences of unsafe practices**. Interactive discussions, educational materials, and question-and-answer segments allowed participants to engage openly and gain valuable knowledge on maintaining a healthy lifestyle.

The programs were well received by the students, fostering greater awareness and encouraging them to make positive, informed choices regarding their health and relationships.

Date	Hostel	Resource Person/Team	Nature of the Programme	No. of Students participated
17.10.23	Evangeline Residence	Life for All Team	Awareness on Sexual responsibilities and reproductive choices	560 students, 9 SRA's and Warden
18.10.23	Sundararaj Residence & Sevugapandian Residence	Life for All Team	Awareness on Sexual responsibilities and reproductive choices	250 students, 5 SRA's and Warden
19.10.23	OPRAH Resicence	Life for All Team	Awareness on Sexual responsibilities and reproductive choices	350 students, 7 SRA's and Warden
20.10.23	P.R. Garg Residence & Dakshinamoorthy Residence	Life for All Team	Awareness on Sexual responsibilities and reproductive choices	150 students, 4 SRA's and Warden
20.10.23	Father Duraisamy Residence and Edward George Residence	Life for All Team	Awareness on Sexual responsibilities and reproductive choices	200 students
20.10.23	Angelina Residence and Hepsibah Residence	Mr. Josey Thomas	Awareness on Sexual responsibilities and reproductive choices	90 students
20.10.23	Johnson Victor Residence	Dr. Marshal	Awareness on Sexual responsibilities and reproductive choices	35 students

20.10.23	Bethany Residence and Bobraj Residence	Life for All Team	Awareness on Sexual responsibilities and reproductive choices	50 students
27.02.24	Sundararaj Residence	Mrs. Sneha Josey	Love, Marriage and Sex	500 students, 8 SRA's, and Warden
	OPRAH Residence	Dr. Sujitha Juliet	Love, Marriage and Sex	300 students, 7 SRA's and Warden
	Sevugapandian Residence	Dr. Praising Linija	Love, Marriage and Sex	130 students, 3 SRA's and Warden
28.02.24	Evangeline Residence	Lt. Dr. Paulin Ebenezer	Love, Marriage and Sex	560 students, 9 SRA's and Warden
	P.R Garg Residence	Dr. Mercy Lydia	Love, Marriage and Sex	140 students, 2 SRA's, and Warden
	Dakshinamoorthy Residence	Dr. Parameshwari	Love, Marriage and Sex	90 students, Scholars and Warden

## Cartwheel Program

**Date: 28<sup>th</sup> FEBRUARY,**

**Time: 8 - 9.15 PM**

The Cartwheel Programme, conducted on the 28th of February from 8:00 to 9:15 pm in three venues, aimed to address crucial topics related to **love, marriage, and sex** in an interactive and informative manner. The sessions were organized separately for first, second, third & fourth-year male students to cater to their specific needs and concerns. The sessions were conducted by two faculty members from Karunya Institute of Technology and Sciences, along with a faculty from KATE. Their expertise and experience in the field ensured a comprehensive and sensitive approach to the topics discussed.

Total of twenty students participated in each venue. The resource persons facilitated an interactive environment, encouraging students to express their thoughts, ask questions, and share concerns, clearing doubts. The resource persons addressed various doubts and queries raised by the students, creating an open and honest dialogue. The program served as a platform for addressing personal concerns and misconceptions.

The resource persons motivated the students to lead victorious lives, emphasizing the importance of making informed and responsible choices in matters of love, marriage, and sex.



### Girls Hostel



### Boys Hostel

### **3.3.5 - Mental health support for students**

Karunya Institute of Technology and Sciences provides mental health support facilities to focus on cultivating a compassionate and supportive atmosphere that enhances the emotional well-being of students and staff alike. This aligns with one of the key priority areas of the institute. The services offered include psychiatric consultations, counselling, and access to rehabilitation centers, ensuring a comprehensive approach to mental health care. The institute firmly believes that addressing mental health challenges is crucial for the success and well-being of its community members in both academic and personal spheres. This dedication reflects the university's commitment to providing essential support and care to promote mental wellness.

#### **i) Karunya Wellness Centre**

Karunya Wellness Center (KWC) was initiated to reach out to all students, staff, and community members in and around Karunya. Over the past year, counselling services at our institution have played a crucial role in providing support and guidance to students, parents, staff, and community members facing various challenges. Through screening, individual sessions, and specialized workshops, we have endeavored to address the diverse needs of our campus community, promoting personal growth, academic success, and overall well-being.

During the 2023–2024 period, KWC provided psychotherapy and counselling services to 348 students. Most of these students participated in psychotherapy, typically attending between 3 to 12 sessions. These sessions were personalized to meet each student's specific needs, aiming to address root issues, build coping mechanisms, and encourage personal development. In addition, a notable number of students attended just 1 to 2 counselling sessions, reflecting a proactive attitude toward managing early-stage concerns. The primary mental health issues raised by students covered a broad spectrum of psychological challenges.

The Karunya Wellness Centre conducts general mental health screening programmes and provides counselling services to students. During the academic year 2023–2024, all first-year students were evaluated using the WHO General Health Questionnaire (GHQ) to assess levels of psychological distress. Those found to be experiencing distress were offered appropriate counselling support.

Year	2023-24
Number of First year students screened	1530
Students identified with psychological stress	363

In addition to this, the Wellness Centre offers counselling and follow-up sessions for students who have been suspended due to issues such as substance abuse, boundary violations, ragging, interpersonal conflicts, or other rule infractions—including unauthorized use of vehicles or leaving campus without prior permission.

The Centre also operates a comprehensive referral system that allows members of the university community—including Directors, Deans, Faculty/Mentors, Wardens/SRAs, non-teaching staff, peer supporters, hospital staff, and parents to refer to students who may require psychological or emotional assistance.

#### **Overall Statistics of Mental Support Rendered by KITS during 2023-24.**

No. of students counselled	348
No. of community members counselled	136
Telephone counselling	47

#### **ii) Karunya Hospitals' (Inpatient/Outpatient) Services**

**In-Patient Services:** Students with anxiety/ panic disorders, dissociative disorders, depression or deliberate self-harm are admitted in the hospital for the days as stipulated by the doctors and counsellors, and discharged after adequate treatment and counselling, after which they are monitored by counsellors/ wardens.

**Psychiatric Assistance:** Students, staff, and community members with mental health issues receive psychiatric consultation and assistance, including support for depression, anxiety, and substance abuse.

**Medical Camps:** Specialized medical camps are organized periodically, which are most often free which the students may also utilize the services offered.

### **iii) Psychosocial Rehabilitation Centre:**

Residential support was provided 24/7 to individuals having severe mental health problems and substance dependence through its therapeutic community approach.

### **iv) Awareness Programs on Mental Health**

1. On August 10th, 2023, Dr. Sheela Daniel conducted a session at the Anakkatti Campus in Coimbatore for SRAs and Wardens. The talk centered on recognizing early signs of mental health issues among students, including symptoms of anxiety, depression, stress, and other psychological challenges. The session also covered strategies for providing support and guiding students to appropriate resources, equipping staff to better respond to and promote student well-being.



2. A session titled **Emotional Stability** was conducted by Dr. Sheila Daniel on 22th August, 2023. This session was specifically designed for girls who are residing in the hostel to address mood swings and emotional regulation. Through targeted training sessions, participants learned strategies for coping with fluctuating emotions and managing challenges such as anger. The training focused on fostering emotional resilience, providing girls with practical tools and techniques to navigate their emotions effectively. By empowering girls with these skills, the session aimed to promote emotional well-being and healthy coping mechanisms during this critical stage of development.

3. On 11th October 2023, in observance of Mental Health Day, The program was organized under the leadership of Dr. Sheila Daniel, Dr. Monic Leka, and Ms. Sneha Mary Philip, in collaboration with the Community Academia Program and the Karunya Wellness Center. Held in Kallipalayam,

a rural village near Irutupalam, the initiative aimed to support students in managing exam-related anxiety and academic stress.



**4. The Power of Narratives:** A motivational session led by Ms. Sneha Mary Philip on 5th July, 2023. The presentation aimed at inspiring students and staff (around 2000) to recognize the significance of embracing the season of pruning and understanding how we frame this period can profoundly influence our lives, determining whether it becomes a catalyst for growth or a hindrance to progress.

**5. Activity-Based Learning:** A comprehensive training program conducted by Ms. Sneha Mary Philip on 25th August 2023, designed for first-year students (around 1,700 participants). The session focused on diverse strategies tailored to individual learning styles, emphasizing the importance of understanding, recognizing, and respecting each person's unique approach to learning.

**6. Personality Development Training:** Five interactive sessions, each lasting approximately two hours, were conducted by Ms. Sneha Mary Philip for first-year advanced English-speaking students (around 400 participants). These sessions included engaging activities such as debates, *Just a Minute*, *Taboo*, self-introductions, and mock interviews. The primary objective was to enhance students' self-esteem, boost their confidence, and help them overcome stage fright,

thereby equipping them with essential skills for effective communication and personal growth.

**7. Mental Health Awareness Program:** A comprehensive initiative conducted by Dr. Sheila Daniel, Dr. Monic Leka, and Ms. Sneha Mary Philip for first-year students (around 1,700 participants). The program aimed to familiarize students with the mental health services available on campus and to educate them about the signs and indicators of mental health concerns. It emphasized the importance of early detection and intervention while striving to reduce the stigma surrounding mental health challenges. Through this initiative, students were empowered with the knowledge and resources needed to prioritize their mental well-being and seek appropriate support when needed.



8. A specialized training session titled **“Improving Interpersonal Skills to Enhance Communication”** was organized on 13th August 2023 for the non-teaching staff, with around 150 participants. Conducted by Dr. Monic Leka and Ms. Sneha Mary Philip, the session focused on the importance of effective communication, particularly in engaging with Gen Z students. It aimed to equip staff members with practical tools and valuable insights to strengthen their interpersonal skills, foster positive relationships, and create a more supportive and collaborative campus environment.



9. A session titled “**Mindset Makeover**” was organized on 7th November 2023 for around 150 students from the Department of Criminology, in response to a request from the Head of Department to address concerns regarding students’ lack of motivation for fieldwork activities and their attitudes during public interactions. Conducted by Dr. Monic Leka and Ms. Sneha Mary Philip, the session aimed to cultivate a growth mindset among students and highlight its lasting relevance in both personal and professional spheres. By embracing this mindset, students were encouraged to approach challenges with resilience and enthusiasm, while recognizing the vital importance of their roles in community engagement and fieldwork.



10. A motivational session titled “**Embracing Flaws: Finding Beauty in Imperfections**” was conducted on 2nd December 2023 by Ms. Sneha Mary Philip for both staff and students. The session encouraged participants to embrace their imperfections and transform their personal narratives from stories of flaw and limitation to tales of empowerment and self-acceptance. Drawing inspiration from individuals such as Ms. Laxmi Agarwal, the session emphasized the importance of turning struggles into sources of strength, resilience, and authenticity, inspiring attendees to find beauty and purpose in their unique life journeys.

**11. SheSafety:** Empowerment Training session was conducted for around 500 female students of the Computer Science and Engineering (CSE) Department on 13th December 2023. The session was led by Ms. Sneha Mary Philip, focusing on equipping participants with essential self-care practices and awareness of biases that may compromise their safety. The training addressed critical issues such as dating abuse and provided a safe, open space for discussions on topics that are often surrounded by shame and silence. By bringing these sensitive matters to light, the program aimed to empower students to recognize warning signs, assert personal boundaries, and seek appropriate support when needed. This initiative fostered a culture of safety, confidence, and mutual support within the department. The event was organised by Dr. Grace, Department of CSE.

**12. A Work-Life Balance and Emotional Wellbeing Training** session was conducted for the teachers of EMS School on 19th January 2024. The session was led by Ms. Sneha Mary Philip, focusing on addressing the growing challenges of burnout and stress commonly experienced in the teaching profession. The program emphasized the importance of self-care practices to support teachers' mental, emotional, and physical well-being. It introduced practical strategies tailored to the unique demands of teaching and explored ways to embed a culture of self-care and emotional awareness within the school environment. By equipping educators with tools to manage stress, maintain balance, and nurture resilience, the training aimed to enhance job satisfaction, personal wellbeing, and classroom effectiveness.



**13. A Journey to Uncover Your Inner Energies:** This workshop was conducted by Ms. Sneha Mary Philip on 23rd January 2024 for around 500 MBA students. The session was organised by Dr. Nisha, Department of MBA. The workshop aimed to help students identify their unique skills, strengths, and interests, guiding them toward career choices that offer both financial stability and

personal fulfillment. Through a series of interactive sessions, group activities, and self-reflection exercises participants engaged in a meaningful process of self-discovery. Practical tools and resources, including self-assessment questionnaires and career exploration exercises, were provided to support students in navigating their career paths with clarity and confidence.



14. On 29 February 2024, Ms Sneha Mary Philip conducted a psycho-education session titled **“Love, Sex and Marriage”** for girl students residing in the hostel. The session aimed to raise awareness among young adults about toxic relationships, the addictive nature of premarital sex, and how these factors can impact mental health. By providing valuable insights and information, the session empowered the girl students to make informed decisions regarding their relationships and sexual health, prioritizing their overall well-being.



15. Dr. Sheila Daniel was invited by Sri Krishna College Of Arts & Sciences to deliver an awareness message on “**Substance Abuse & Mental Health Issues**” to the students of a local school in Anaikatti on 3 March 2024. This particular area has a significant tribal population where students are often exposed to alcohol and cannabis. The programme was organised as part of a camp coordinated by the 2nd-year Post Graduate students of Social Work. Approximately 60 students from the local school attended, along with about 30 M.S.W. students who were participating in the camp.



16. On **6 March 2024**, Ms. Sneha Mary Philip delivered a motivational speech titled “**Importance of Taking Actions**” to the 2nd year agriculture students. It emphasized how actions can shape our thoughts, leading to further actions and ultimately, success. She underscored that individuals don’t attain what they merely want or believe they deserve, but rather what they actively work for and focus on daily. The message resonated with the audience, encouraging proactive engagement and persistence towards achieving goals.

17. On 21 March 2024, Ms. Sneha Mary Philip delivered a motivational speech titled “**Show Up and Never Give Up**” to both staff and students. The session emphasised perseverance and resilience in the face of challenges, urging everyone to adopt a mindset of continuous effort and determination. She stressed that if we don’t take steps, failure is not merely a probability but will become a reality.

18. **Relaxation Therapy Session:** Ms. Sneha Mary Philip conducted the session on 5 April 2024.

Following the emotional well-being training, this “Relaxation Therapy for EMS Teachers” programme was implemented for approximately 25 teachers and provided practical tools for relaxation and stress management. The therapy sessions offered techniques such as deep breathing exercises, mindfulness practices, and guided imagery to help teachers unwind and recharge. By incorporating relaxation into their routines, teachers could better manage the demands of their profession while nurturing their emotional health and resilience.



### **3.3.7 Mental health support for faculty**

Managing the students from diverse region and their behaviour, academic workloads, administrative responsivities and updating themselves with subject knowledge creates a kind of anxiety, stress and burnout situations among the working professionals. Therefore, maintaining good mental health among faculty is inevitable not only for their personal welfare but also for their progress in academics and to serve the student community by extending emotional support. Recognizing the importance of providing a healthy work environment, the University has extended mental health support to both teaching and non-teaching staff also.

This report provides an in-depth analysis of the current state of mental health support within the university and recommends strategies for improvement. The report also highlights the pivotal role of the Karunya Hospital in offering mental health support to the local community. The findings presented here are based on a thorough examination of relevant data and insights.

## **SERVICES THROUGH KARUNYA WELLNESS CENTER:**

Karunya Wellness Center was initiated to reach out to all students, staff, and community members in and around Karunya. Over the past year, counselling services at our institution have played a crucial role in providing support and guidance to students, parents, staff, and community members facing various challenges. Through screening, individual sessions, and specialized workshops, we have endeavored to address the diverse needs of our campus community, promoting personal growth, academic success, and overall well-being. Full-time professional counsellors are available to address psychosocial counselling needs within the university and Karunya Community Hospital.

### **Workshops Conducted**

- Dr. Monic Leka & Ms. Sneha Mary Philip conducted a workshop on “**Interpersonal Skills to Enhance Communication**” on 13/09/23. This specialized training was tailored for non-teaching staff (around 150 staff), focusing on the significance of effective communication, particularly with Gen Z students. The program aimed to equip staff members with the tools and insights necessary to engage and connect with this generation, fostering positive relationships and a supportive environment within the campus community.



### **Workshop on “Interpersonal Skills to Enhance Communication**

- A motivational speech was given by Ms. Sneha Mary Philip on the topic “**Embracing Flaws: Finding Beauty in Imperfections**” on 2.12.2023 to staff and students, urging them to embrace imperfections and rewrite their narratives from stories of imperfection to tales of empowerment. Drawing inspiration from individuals like Ms. Laxmi Agarwal, the message emphasized transforming struggles into sources of strength, resilience, and authenticity on their unique life journeys.
- A seminar on “**Safeshe: A women safety Awareness program**” was organised by the Division of Computer science and Technology on 13.12.2023. The training provided a safe space for discussions on topics often accompanied by shame and silence. By shedding light on these sensitive matters, the program aimed to empower students to recognize warning signs, assert boundaries, and seek support when needed, fostering a culture of safety and support within the department.



- Ms. Sneha Mary Philip conducted a training for School Teachers on the topic “**Work life Balance and Emotional Wellbeing**” on 19.1.2024. Recognizing the prevalence of burnout among school teachers, this program focused on initiating self-care practices to support their well-being.



- **Relaxation Therapy** for EMS Teachers was organized on 5/4/2024 by Ms. Sneha Mary Philip. Following the emotional well-being training conducted on, this program was implemented to provide teachers with practical tools for relaxation and stress management.



## SERVICES BY SEESHA PSYCHOSOCIAL REHABILITATION CENTRE

SEESHA Psychosocial Rehabilitation Centre aims to provide psychological and emotional support to those who have suffered severe mental health problems through its therapeutic community approach. We try and re-establish their connections with their own sense of self, their links with their families and with the society as a whole in order to re-integrate them back into society. Provides residential support wherein care is rendered on a 24 hours basis.



**Individual Counselling Services**



**Family Counselling**

Periodically, both the Residential Staff and the Manager contacted the family members/ guardians of the beneficiaries and gave them a feedback about their wards/ family members. They were also motivated to take their wards/ family members for either Diwali or Christmas.



**Residential Staff family recreation**



**Jacobson's Muscle Relaxation Technique conducted Residential Staff and the Nursing Asst**

On the 21<sup>st</sup> November, 2023, an awareness programme at Pooluampatti P.H.C was conducted for Nursing and other Paramedical Staff on Mental Health after which pamphlets were distributed.

