



Sri Devaraj Urs Academy of Higher Education & Research

Comprising Sri Devaraj Urs Medical College

(A Deemed to be University)

Research and Development Cell

Central Ethics Committee Re-registered under CDSCO -Registration No. ECR/425/Inst/KA/2013/RR-20 dated 28.4.2020

3.7.1		Number of Collaborative activities for research, faculty exchange, student exchange/ Industry-internship per year	
Sl.No	Title of the collaborative activity	Name of the collaborating agency with contact details	Page no
1	New Born Screening	All India Institute for Speech and Hearing, Mysore	3-5
2	Establishment and capacity building for rapid radiation triage and dose estimation suing gene expression biomarker	Sri Ramachandra Institute for Higher Education and Research, Chennai	6-12
3	SDUCON	Sri Devaraj Urs College of Nursing, Tamaka, Kolar-563103	13-16
4	Digital platform for Diagnostics & artificial intelligence to develop efficient diagnostic kits to enable early diagnosis of diseases	Bigtec Pvt.Ltd	17-20
5	Innovation hub	Infin 8 Foundation	21-26
6	Investigation into the benefits of Probiotic based floor cleaners in clinical and domestic setting	Hindustan Unilever Pvt. Ltd	27-31
7	Implementation Research on Immediate Kangaroo Mother Care (i-KMC) in Karnataka	"St. John's Research Institute	32-40
8	Telehealth simulation education for healthcare students through interprofessional approach	California State University, Fresno	41-44
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10	Exploring the Use of Social Media on Learning and Patient Care in Speech-Language Pathology and Audiology: Analysis of Student Perceptions and Practices	All India Institute of Speech and Hearing, Mysore	53-58
11	A Questionnaire-Based Study on the Integration of Social Media in Teaching Practices Among Audiology and Speech-Language Pathology Faculties	All India Institute of Speech and Hearing, Mysore	59-64
12	Development of a Novel Nanocomposite Embedded Hybrid Hydrogel Patch for Wound healing applications.	Jain University Bangalore	65-72
13	Global Collaborative for changing Diabetes in children: Global cohort study for type 1 Diabetes	Harvard T H Chan	73-80


Prof. Dr. Kalyani . R.
MD(PATH), PH.D, FAMS, FICP, FIAMS, FIMSA, FKSTA
Director
Research and Development Cell, SDUAHER
Professor & Former Head
Dept. of Pathology, SDIIMC

AND SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH (SDUAHER), a deemed to be university TAMAKA, KOLAR represented by its Registrar (herein after referred to as the **Second Party**) on the other, witnesseth as under:

WHEREAS, the AIISH, Mysuru (**First Party**) was established in the year 1965 and is an autonomous organization under the aegis of Ministry of Health & Family Welfare, Government of India, which is a premier institute providing training, research, clinical services and public education in the field of Speech and Hearing in the country, and

WHEREAS, Sri Devaraj Urs Academy of Higher Education and Research (SDUAHER), Tamaka, Kolar (**Second Party**) is a medical college and hospital and it obtained the deemed to be university status in the year 2007 and is providing much needed comprehensive care to the patients and has the facility of ENT, Pediatrics, Neurology and Physiotherapy services among others.

WHEREAS, the AIISH, Mysuru (**First Party**) has undertaken to initiate New Born Screening (NBS) activities at the premises of the Second Party for a period of 05 years and extend to other neighboring hospitals to accomplish the objectives of early Identification, Prevention and Management of communication disorders,

WHEREAS, to ensure smooth functioning of New Born Screening activities effectively at SDUAHER, Kolar both the First Party and the Second Party have arrived at an understanding and have resolved to reduce in writing the broad outlines thereof. NOW THEREFORE, this Memorandum of Understanding witnesseth as here under:

1. The Second Party shall provide adequate space to carry out the screening activities and the minimum required facility in this regard shall be as under:
 - a) One Room measuring 15' x 15' feet for early diagnosis & early intervention services
 - b) One 10' x 10' feet electrically isolated room for Auditory Brainstem Response (ABR) with sound treated facility
 - c) Silent space near maternity ward for testing
2. The First Party shall recruit Audiologist / Speech-Language Pathologist (1 No.) , and Speech Hearing Assistant (01 No.) on contract basis to carry out NBS activities at Sri Devaraj Urs Academy of Higher Education and Research, Tamaka, Kolar..
3. The First Party shall procure the required tools and equipment to carry out NBS activities and arrange to deliver the same to Sri Devaraj Urs Academy of Higher Education and Research, Tamaka, Kolar.
4. The First Party shall also make available funds for the Second Party for purchase of furniture, spares & accessories and to meet other expenditure of NBS programme by allocation and release of grant-in-aid required in a financial year.
5. The Second Party shall nominate /designate one of the regular staff members to supervise and monitor the clinical activities by maintaining good rapport with the Coordinator designated by the First Party.


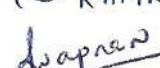
M. P. ...
निदेशक / Director
अखिल भारतीय वाक् श्रवण संस्थान
All India Institute of Speech and Hearing
मैसूरु / MYSURU-570 006

K. ...
Registrar
Sri Devaraj Urs Academy of Higher
Education and Research
Tamaka, Kolar - 563 101.

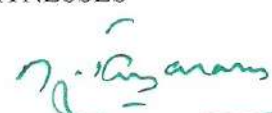

6. The Second Party shall maintain a new account for accounting the receipt of grants released / and other funds received and payments made in connection with the screening activities and shall also make available the related account books, vouchers, files etc., for inspection either by the First Party or the Ministry of Health and Family Welfare, Govt. of India. The bank account shall be operated by any two among Head of the department of Speech Pathology & Audiology, Coordinator of NBS and any other officer appointed or / nominated by the First Party/ Second Party.
7. The Second Party shall maintain the stock registers in respect of equipments procured by the First Party and furniture, spares and accessories and other materials purchased for carrying out the activities and produce for verification, as and when required.
8. The Second Party shall make a regular nominated employee responsible / in-charge for maintenance of the stock registers by entering the details and conduct an annual physical stock verification of such equipment and send the report to the first party (AIISH, Mysuru).
9. The Second Party shall submit periodically statement of accounts along with internal audit report, expenditure statement, and utilization certificate in the prescribed format for the funds released by the First Party, as and when required.
10. For efficient and smooth implementation of NBS activities, any other guidelines / directions/ instructions as needed from time to time shall be jointly formed by both parties in joint consultation.
11. The First party shall cease to provide any support either through funds or men / materials to the second party to carryout NBS activities beyond 05 years from the date of execution of the MoU.
12. The Second Party shall make all the efforts to continue the NBS program independently by recruiting the necessary staff and procuring the required materials, on expiry of the period of 05 years from the date of execution of the MoU, to accomplish the objectives of early identification, prevention and management of communication disorders.

IN WITNESS WHEREOF, both the parties have set their hands to this Memorandum of Understanding at Tamaka, Kolar on this 4th day of October 2019 in the presence of under mentioned witnesses:

WITNESSES

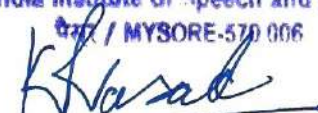
1.  (S. RAMKUMAR)
2.  Swapan

WITNESSES

1.  M. Pulaparthi
2.  Dr. V. LAKSHMI AIAH.


(First Party)
निदेशक / Director

अखिल भारतीय शक श्रवण संस्थान
All India Institute of Speech and Hearing
मैसूरु / MYSORE-570 006


(Second Party)
Registrar

Sri Devaraj Urs Academy of Higher
Education and Research
Tamaka, Kolar - 563 101.

THIS MEMORANDUM OF UNDERSTANDING (MoU) executed on 26th October, 2021

by and between

(i) Sri Ramachandra Institute of Higher Education and Research (Deemed to be University), declared by the Govt. of India under Section 3 of the UGC Act, 1956, having its registered office at Porur, Chennai - 600116, India and represented by its Vice-Chancellor, Dr. P.V. Vijayaraghavan, hereinafter referred to as 'SRIHER (DU)' (which expression shall, where the context so admits, mean and include its successors, representatives and permitted assigns) of the One Part;

AND

(ii) Sri Devaraj Urs Academy of Higher Education and Research (Deemed to be University), Tamaka, Kolar, Karnataka, india, having its registered office at Tamaka, Kolar-563101, Karnataka and represented by its Vice-Chancellor, Dr. G. Pradeep Kumar, hereinafter referred to as 'SDUAHER (DU)' (which expression shall, where the context so admits, mean and include its successors, representatives and permitted assigns) of the Other Part (hereinafter collectively referred to as "the Parties" and individually as "the Party") WITNESSETH AS FOLLOWS:-

WHEREAS SRIHER (DU) has been graded by the UGC as a Category-I University and accredited by NAAC with 'A++' Grade and being a premier multidisciplinary teaching and research institution in the field of medical, dental, pharmacy, management, sports and exercise, biomedical and allied health sciences, it is having well-qualified and experienced faculty members, visiting faculty drawn from Industries, Universities and R&D Institutions, and is in the forefront of R&D activities leading to research publications, and also having been provided with state-of-the-art infrastructure and equipment, is rendering quality healthcare services to hundreds of patients through the 2,300 bedded University Hospital in its Campus;

AND WHEREAS SDUAHER (DU) is a Deemed to be University (comprising Sri Devaraj Urs Medical College and the teaching hospital R.L Jalappa Hospital and Research Centre) registered under the Indian Trust Act, 1882, and is involved in teaching of medical and health sciences students, biomedical and health care research and patients care.

Uher

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AND WHEREAS both the Institutions are interested to have an inter-institutional tie-up with the objective to enhance quality of teaching and learning process, research and extension of services by undertaking mutually accepted collaborative activities in the areas of their core competence and have decided to enter into a Memorandum of Understanding so as to record their intention to work together;

NOW, THEREFORE, IN CONSIDERATION OF THE PREMISES AND MUTUAL COVENANTS HEREINAFTER CONTAINED, THE PARTIES HERETO AGREE AS FOLLOWS: -

1.0. Objectives of collaboration

- 1.1.** To collaborate and co-operate with each other in order to enhance the quality of training and research activities in specific to radiation biology and biodosimetry;
- 1.2.** To practice and implement harmonized common Standard Operating Procedures as prescribed by the Atomic Energy Regulatory Board (AERB), Government of India;
- 1.3.** To establish protocols related to cytogenetic biodosimetry and related processes for applications in triage at the time of radiation emergency;
- 1.4.** To standardize, establish and validate emerging tools such as gene and protein expression markers with potential for rapid radiation biodosimetry;
- 1.5.** To undertake exercises for inter-lab comparison to strengthen the protocols and expertise;
- 1.6.** To develop capability for tele-scoring using microscopic images in case of Triage management;
- 1.7.** To train laboratory staff and to increase skilled and competent human resources through organization of periodic National and International training programs;
- 1.8.** To facilitate R&D efforts in the areas of radiation biology for radiation countermeasures;
- 1.9.** To extend research activities in the area of clinical genetic applications;



- 1.10.** To provide opportunities for both faculty members to use to the maximum the expertise and facilities available in both institutions through training of students/staff and through exchange of thoughts by brain storming sessions of seminars/workshops/conferences;
- 1.11.** To share knowledge resources of each other institution including access to library and other digital resources, within the mutually agreed framework;
- 1.12.** To work jointly and develop research projects for implementation at institutional, national and or international level;
- 1.13.** To share experiences and expertise concerning administration and management of the Institutions concerned; and
- 1.14.** To undertake such other academic and research activities jointly to the mutual benefit of the Parties.

2.0. Intention

The intention of this MoU is to record the parties' understanding in relation to pursuing of academic and research activities as may be agreed to be undertaken jointly by the Parties only. When the collaborative programs are identified and it is decided to carryout it, the Parties will enter into specific agreement for each such collaborative activity containing all relevant terms and conditions, prior to implementation.

3.0. Financial commitment

This MoU, being a co-operative and collaborative understanding for academic excellence and enhancement of quality of research activities, shall not create any financial and or legal commitment whatsoever on either of the parties hereto; except as may be provided in activity-specific agreement(s) that may be entered into subsequently.

4.0. Term and termination

- 4.1.** This MoU will be in force for a **period of FIVE years** from the date of signing of the same and thereafter may be reviewed and renewed for further period as may be decided on mutual consent of the Parties hereto, subject to such other terms and conditions as may be mutually agreed upon.

4.2. Notwithstanding sub-clause 4.1., this MoU may be terminated at any point of time, by either party, by issuing a ONE-month notice, in writing, to the other party prior to the desired date of termination. However, both Parties agree that all obligations accrued up to such date of prior termination in respect of the students, staff, funding bodies or other entities shall be met in full, by the Party concerned subsequent to the date of such prior termination.

5.0. Confidentiality

5.1. Both Parties hereunder agree that any information marked CONFIDENTIAL and disclosed by one party to the other shall be maintained as proprietary confidential information and will be disclosed only to the authorities as required in the relevant statutory regulations and to those persons in the recipient party's organization that has a need to know for the purposes authorized by the relevant agreement.

5.2. All such proprietary confidential information will be kept in confidence by the parties hereto and the party receiving the confidential information agrees to prevent the disclosure to any other person or persons outside the organization or any other unauthorized persons except to the organization authorized by either of the parties hereunder on 'need to know basis' for the execution of the work.

6.0. Intellectual Property Rights (IPR)

6.1. Intellectual property generated during the activities under the MoU shall be shared jointly. The extent of ownership shall be decided mutually depending upon the relative intellectual input made by the parties. The expenditure incurred and to be incurred for the maintenance of IPR shall be borne by each party equally or in proportion to the extent of ownership as may be decided by the Steering Committee.

6.2. Both parties shall not file any application seeking Intellectual Property Rights (IPR) in its own name or in the name of its associates or any other person(s) on any matter relating to the confidential proprietary information disclosed to each other under this MoU. However, they can seek intellectual property rights on joint name of the parties as mutually agreed on case-to-case basis.

7.0. Publication

Publications if any, in respect of the activity under this MoU shall be in the name of involved personnel from both the parties. In all publications (papers, reports etc.,) it will be duly acknowledged that the work has been carried out by SRIHER (DU) and SDUAHER (DU) under this MoU between the parties.

8.0. Notices

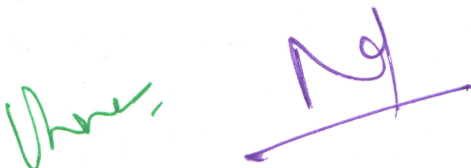
All notices required to be served under the terms of this MoU, shall be in writing and considered to be duly served, if the same is delivered either in person by obtaining acknowledgement or posted by registered mail, addressed to the Registrar of the Institution concerned or at the latest address notified to the other Party herein.

9.0. Use of Trademark/Name:

No party hereto, without prior permission of the party concerned, shall use trademark of other party in any manner either during the duration of the MoU or thereafter on expiry of this MoU.

10.0. Miscellaneous:

- 10.1.** No modification to this MoU shall be valid unless it is made in writing and duly signed by the Parties hereto.
- 10.2.** Each of the Parties hereto will be construed as an independent contractor. This MoU does not create a partnership, joint venture, or agency between the Parties.
- 10.3.** Either of the Parties hereto shall not create any liability whatsoever on the other Party. Nothing in this MoU authorizes either Party to act as an agent for the other Party, to do anything in the name of the other Party, or represent/make statements on behalf of the other Party hereto.
- 10.4.** No Party shall assign this MoU to another Person or third party without obtaining the prior written consent of the other Party hereto.
- 10.5.** The obligations that are created under the MoU on either party as well as through subsequent relevant agreements between the parties hereto, shall


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be duly discharged in accordance with the terms and conditions incorporated therein.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE EXECUTED THIS MoU ON THE DATE SET FORTH ABOVE.

For and on behalf of SRIHER (DU)

WITNESSES:


Signature: 
Name: P. VENKATACHALAM
Designation: Professor
Seal:

Dr. P. VENKATACHALAM, Ph.D., D.Sc.,
Professor
Department of Human Genetics
Sri Ramachandra
Institute of Higher Education and Research
(Deemed to be University)
Porur, Chennai-600 116.

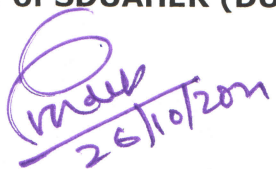
Signature: 
Name: Dr. P.V. Vijayaraghavan
Designation: Vice-Chancellor
Seal:

Dr. P.V. VIJAYARAGHAVAN
Vice-Chancellor
SRI RAMACHANDRA
INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Deemed to be University)
Porur, Chennai-600 116

For and on behalf of SDUAHER (DU)

Signature: 
Name: Dr. K.N.V. Prasad
Designation: Registrar
Seal:

Registrar
Sri Devaraj Urs Academy of
Higher Education & Research
Tamaka, Kolar-563101, Karnataka

Signature: 
Name: Dr. G. Pradeep Kumar
Designation: Vice-Chancellor
Seal:

Vice Chancellor
Sri Devaraj Urs Academy of
Higher Education and Research,
Tamaka, Kolar-563101.

Sri Devaraj Urs College of Nursing, a unit of Sri Devaraj Urs Educational Trust, Tamaka, Kolar, affiliated to Rajiv Gandhi University of Health Sciences, Bangalore the party to the first part hereinafter called **SDUCON** represented by **Principal**

And

Whereas from Faculty of studies, **Faculty of Allied Health and Basic Sciences (FAHBS)** of Sri Devaraj Urs Academy of Higher Education and Research Tamaka, Kolar – 563 103, (a deemed to be University) hereinafter called **SDUAHER**”, permitted assigns of the other Part represented by Dean-FAHBS under the administrative ambit of SDUAHER by the Registrar .

SDUCON have approached the **SDUAHER- Faculty of Allied Health and Basic Sciences (FAHBS)** to seek mutual consultancy in Academics and Research, particularly for conduct of theory and practical classes of basic and Allied health Science subjects, and also like Nutrition, Yoga, Genetics, and Physiotherapy etc. for nursing students after having agreed on the following terms and conditions.

NOW THEREFORE, THE PARTIES TO THE AGREEMENT WITNESS AS UNDER

OPERATIONAL COMMITMENTS

The SDUCON shall provide Infrastructure and learning source facilities for teaching and learning such as Lecture Theatre to accommodate 100 plus students, Audio Visual Aids (Projector, Screen, Speakers, Fans, Lights, Electricity, black board etc.) for conducting the theory classes, Internet connectivity.

Manpower in terms of the concerned class coordinator makes arrangement to handle the classes.

The participatory Department of **Faculty of Allied Health and Basic Sciences (FAHBS)** shall provide related laboratory/ teaching learning facilities.

1. Remuneration shall be paid to the FAHBS Faculty per hour for the theory / Practical classes engaged and it will be as per the pre-determined remuneration of Rs 300 /hour for GNM and Rs. 400/ hour theory for B.Sc. Nursing. However, it is subjected to change as and when the revision takes place.
2. There will be periodic evaluation process of students to enhance the teaching learning process. Both parties may request more frequent review in response to curricular and other

institutional changes and conditions. The information obtained from the evaluation will be used for the benefit of students.

3. Both the parties to this MoU shall commit to provide quality services to the students.
4. The agreement shall remain in force for a period of 05 (Five) years from the date of signing the agreement, until any of the either party gives notice to get released from the mutual commitments mentioned in the MoU.
5. The agreement may be terminated by giving at least 03 months' notice to either side party subject to completion of the ongoing semester/annual batch teaching and learning process of the course.
6. Disagreements, if any shall be subject to mutual settlement at Sri Devaraj Urs Academy of Higher Education and Research. Honorable Vice-chancellor is empowered to excise any difficulty.

IN WITNESS WHEREOF the parties have through their respective duly authorized representatives, executed the Agreement the day, month and year first herein above written.

Signed & Delivered by Principal, Sri Devaraj Urs College of Nursing and Dean, Faculty of Allied Health and Basic Sciences (FAHBS) Kolar.



Principal

Sri Devaraj Urs College of Nursing

Name: Tamaka, Kolar-563103

**Title: The Principal, Sri Devaraj Urs College of Nursing,
Kolar.**

Signature:  18/10/2021

Name: Dr.C.D.Dayanand

Address: Dean, Faculty of Allied Health and Basic Sciences

SDUAHER, Kolar.

Dean

Faculty of Allied Health Sciences

Sri Devaraj Urs Academy of

Higher Education & Research

Tamaka, Kolar-563 101

Signed & Delivered by authorized representative of Sri Devaraj Urs Academy of Higher Education and Research, Kolar.

Signature: K. Prasad

Name: Dr. KNV Prasad 25/10/21

Title: The Registrar-SDUAHER

Address: Tamaka Kolar 563103

Registrar

Sri Devaraj Urs Academy of Higher
Education and Research
Tamaka, Kolar - 563 103.

Witness 1

Signature: Madhu
21.10.21

Name: Dr. Madhavi Reddy

Title: Prof & HoD of CND

Address: SDUAHER Kolar

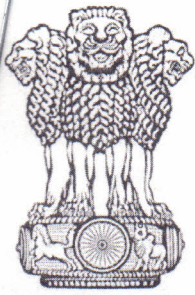
Witness 2

Signature: H. Sarulatha
19/10/21

Name: Dr. Sarulatha

Title: Prof & HoD of Physiotherapy and Research, Tamaka, Kolar-563103

Address: SDUAHER Kolar



सत्यमेव जयते

INDIA NON JUDICIAL

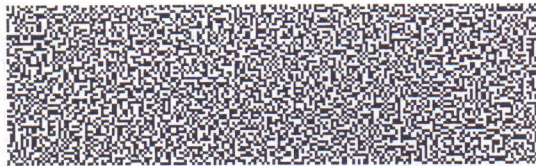
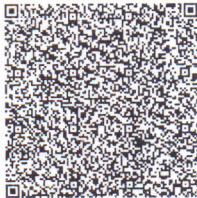
Government of Karnataka

Rs. 100

e-Stamp

Certificate No. : IN-KA58835266623099U
 Certificate Issued Date : 28-Jun-2022 11:36 AM
 Account Reference : NONACC (FI)/ kaksfcl08/ KOLAR/ KA-KO
 Unique Doc. Reference : SUBIN-KAKAKSFCL0839655290098617U
 Purchased by : REGISTRAR SDUAHER TAMAKA KOLAR 563103
 Description of Document : Article 12 Bond
 Description : M O U
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : REGISTRAR SDUAHER TAMAKA KOLAR 563103
 Second Party : BIGTEC PRIVATE LIMITED BANGALORE 560010
 Stamp Duty Paid By : REGISTRAR SDUAHER TAMAKA KOLAR 563103
 Stamp Duty Amount(Rs.) : 100
 (One Hundred only)

Sri Sai Souharda Credit
 Co-op. Society Ltd.
 Opp. B.E.O. Office,
 Doddapet, Kolar-563 101.



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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called 'MoU') is made and executed on Friday the 1st of July, 2022 at Tamaka, Kolar.

By and Between:

Sri Devaraj Urs Academy of Higher Education and Research, Tamaka, Kolar - 563103, Karnataka hereinafter called "SDUAHER" which expression shall, when context so admits, include its successors and permitted assigns

Statutory Alert:

1. The authenticity of this Stamp certificate is verified at 'www.shcilestamp.com' or using e-Stamp Mobile App. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

Director

1

Registrar
 Sri Devaraj Urs Academy of Higher
 Education and Research
 Kolar - 563 103.

And:

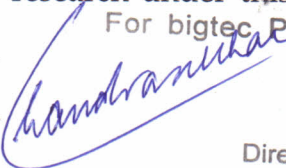
Bigtec Private Ltd., a wholly owned subsidiary of Molbio Diagnostics Pvt. Ltd., Located at 2nd floor, Golden Heights, 59th 'C' Cross, 4th 'M' Block, Rajajinagar, Bangalore-560010, India.

"SDUAHER" and "Bigtec Pvt. Limited" are individually referred to as "First Party" and "Second Party" respectively and collectively referred to as Parties.

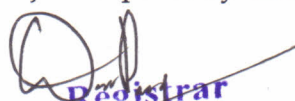
The purpose and general provisions of the MoU shall be:

- 1) Recognizing the importance of mutual collaboration and the contributions to society made by the two institutions, both institutions share a desire to develop mutually strengthening and enriching educational, health care services and research experiences for both faculty and researchers including any outreach activities like educational conferences and workshops.
- 2) The primary purpose of this MoU is to record the general understanding between the parties and further to this MoU, specific collaborative activities of academic, health care services - diagnostics incorporating digital platform and artificial intelligence, research of multi and interdisciplinary nature can be executed by the two parties involving staff and researchers from either/ both SDUAHER and Bigtec Private Limited.
- 3) Faculty and Researchers of both the institutions in appropriate disciplines will be encouraged to develop interactions in a focussed way on topics and proposed collaborative projects. Such efforts will be made with integration of basic principles of scientific evidence based guidelines of modern medicine, molecular biology, digital platform for diagnostics and artificial intelligence to develop efficient diagnostic kits which will enable early diagnosis and facilitate health care at the hospital and periphery (screening and diagnostic camps). Before the publication of any material or dissemination of information which is a result of the collaborative efforts between the parties under the MoU, each party will take the written consent of the other party.
- 4) Research undertaken thus, would be guided by evidence based medicine.
- 5) Each project to be undertaken under this MoU shall be added as an appendix after due authorization from both the parties.
- 6) There shall be no financial burden to either of the parties because of the activities undertaken under this MoU. All financial implications due to the conduct of research under this MoU shall be reviewed for each project separately and the

For bigtec Private Limited


Director

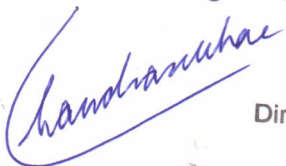
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Registrar
Sri Devaraj Urs Academy of Higher
Education and Research


decision on which party shall bear the expenses shall be decided on a project to project basis.

- 7) The outcome of research undertaken under this MoU may be published in scientific journals. In such a case, both the parties shall have moral and legal rights over the content of the publication/ manuscript and the list of authors.
- 8) All research and other collaborative activities conducted pursuant to this MoU shall be conducted in accordance with the rules and regulations appropriate to each institution and approval by Ethics Committees of respective institutions and shall abide by the laws applicable in India. Although this MoU does not create any legal rights or obligations between the institutions, it expresses good-faith intentions and is intended to facilitate negotiations and preparation of the definite agreements embodying the final understanding of the institutions with respect to future collaborations.
- 9) This MoU shall take effect when executed by both institutions and shall terminate at the end of five years. The agreement shall be renewed for additional five year period. Notwithstanding the above, during the period under the MoU, notice of termination may be given by either institution with 90 days notice. This MoU may be modified by a written agreement between both institutions at any time. Nothing within this MoU shall create any financial obligation or cause any hardship to either institution.
- 10) At SDUAHER, modification to this MoU shall be initiated through the Office of the Registrar, and at Bigtec Diagnostics, through the Office of Director.

For bigtec Private Limited



Director



Registrar
Sri Devaraj Urs Academy of Higher
Education and Research
Tamaka, Kolar - 563 103.

In WITNESS WHEREOF, the institutions hereto have executed two copies of this instrument, each of which shall be considered original.

FIRST PARTY

Signature: 

Dr. DVLN Prasad

Registrar

Sri Devaraj Urs Academy of Higher
Education and Research,
Tamaka, Kolar 563103
Karnataka, India

Date:

SECOND PARTY

For bigtec Private Limited

Signature: 

Director

Dr. Chandrasekhar B. Nair

Director

Bigtec Private Limited,
2nd floor, Golden Heights, 59th 'C' Cross,
4th 'M' Block, Rajajinagar, Bangalore-
560010. Karnataka, India.

Date:

Witness 1

Signature: 

Name: **DR. S. M. AZEEM**

Designation: **DIRECTOR**

Address: **Department of Research and Innovation**

Date:

**Sri Devaraj Urs Academy of
Higher Education & Research
Tamaka, Kolar, Karnataka-563103**

Witness 3

Signature: 

Name: **K. Suresh Kini**

Designation: **G.M. Finance & Accounts**

Address:

Date:

**bigtec Private Limited
2nd Floor, Golden Heights,
59th 'C' Cross, 4th 'M' Block,
Rajajinagar, Bangalore - 560 010.
Tel : +91 80 2300 4999**

Witness 2

Signature: 

Name: **Dr. Sharath B.**

Designation: **ASSOC PROF**

Address: **SDUAHER, KOLAR**

Date:

Witness 4

Signature: 

Name: **M.N. MANOJ**

Designation: **TEAM LEAD.**

Address:

Date:

**bigtec Private Limited
2nd Floor, Golden Heights,
59th 'C' Cross, 4th 'M' Block,
Rajajinagar, Bangalore - 560 010.
Tel : +91 80 2300 4999**



**MEMORANDUM OF
UNDERSTANDING**

DATED : 5th November, 2022

BETWEEN:

Section Infin-8 Foundation

AND

**Sri Devaraj Urs Academy of Higher
Education and Research, Tamaka, Kolar
(Deemed to be University)**



MEMORANDUM OF UNDERSTANDING

This **MEMORANDUM OF UNDERSTANDING** (hereinafter referred to as the “MOU”) is made at Kolar and shall be made effective from November 5th, 2022 (“Effective Date”):

BETWEEN:

- 1) **Section Infin-8 Foundation**, registered as a Section-8 company under the Companies Act 2013, having its office at Door No 15-5-248/1, “Sai Ashraya” Arya Samaj Road, Mangalore- 575003 (hereinafter referred to as “Infin-8” which expression shall, unless repugnant to the context or inconsistent with the meaning thereof, mean and include its representatives, assigns etc.) and represented by Dr. Vishal Uchila Shishir. (Director)

AND

- 2) **Sri Devaraj Urs Academy of Higher Education and Research, Tamaka, Kolar (Deemed to be University)** Tamaka, Kolar, Karnataka 563101 (hereinafter referred to as “SDUAHER” which expression shall, unless repugnant to the context or inconsistent with the meaning thereof, mean and include its representatives, assigns etc.) and represented by its Director, Dr. Azeem Mohiyuddin S.M

WHEREAS:

A. **Section Infin-8 Foundation** is, an innovation hub promoting, facilitating, and driving the ideas, designs, innovations, products & services, entrepreneurship and learning in the field of medical, healthcare and life sciences. Section Infin-8 through its initiative, has set up a health pre-incubation & incubation program and introduces a healthcare innovator to the five key critical pre-requisites of innovation, which will help them define innovation pathways to pave way for Idea to Minimum Viable Product and thereafter to Proof-of-Concept stage.

1. Funding – Grants & Investor connect
2. Intellectual Property
3. Regulatory Compliance
4. Market Access
5. Market Intelligence.

B. **Sri Devaraj Urs Academy of Higher Education and Research, Tamaka, Kolar (Deemed to be University)** is a multi-disciplinary University with medical, allied and health basic science, pharmacy, and sciences.

C. The Parties wish to harness and enhance collaborative initiatives within the limits of their possibilities and available resources, with a minimum of 15,000 sq. ft of furnished space for hosting the incubators, providing land & building with a minimum period of lease for 30 years.

NOW, THEREFORE, in consideration of the mutual promises and covenants, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

1. Definitions

For the purposes of this MoU, unless the context requires otherwise:

- 1.1 **"Party"** means **Infin-8** or Sri Devaraj Urs Academy of Higher Education and Research, Tamaka, Kolar; and collectively, shall be referred to as the "Parties".
- 1.2 **"Incubated Person"** stands for enterprises/ individuals, which work towards innovation, development or improvement of products or processes or services, or if it's a scalable business model with a high potential of employment generation or wealth creation, who has been identified by Infin-8 and Devaraj Urs Academy of Higher Education and Research, Tamaka, Kolar.
- 1.3 **"Skills"** are the expertise or talent needed in order to do a job or task. Job Skills allow you to do a particular job and life Skills help you through everyday tasks.
- 1.4 **"MoU"** means this MOU signed and made effective on 5th November, 2022.

2. Purpose

- 2.1. The purpose of this MoU is to provide a framework for co-operation between the Parties to promote innovation and work towards Co-Incubation of the start-ups or enterprises as an Incubated Person with Infin-8 (the **"Purpose"**).

3. Principles

- 3.1. The Parties intend to provide the maximum possible mutual assistance to one another for the Purpose and within the terms of this MoU.
- 3.2. This MoU sets forth the understanding and intentions of the Parties to cooperate in good faith. Accordingly, this MoU neither expresses nor implies any legally or financially binding rights and obligations of either Party, except those under clause 5 and clause 6.4 of this MoU. To the extent that any provision of this MoU is inconsistent with this paragraph, the provision of this paragraph shall prevail.

4. Scope of Cooperation

The Parties will endeavor, to the extent possible, to support and cooperate with each other to:

- 4.1. Develop and build the ecosystem towards supporting start-ups to:
- 4.2. Facilitate and support delegation visits to respective Parties Ecosystems
- 4.3. Provide industry connect to respective Incubated Persons
- 4.4. Provide investor connect and investment support to Incubated Persons
- 4.5. Provide the support for conducting events and meetups
- 4.6. Provide subsidized pricing for prototyping for Infin-8 member organization for R&D purposes
- 4.7. Identify revenue stage startups with products in the market towards potential connections to SMEs for production (Products and Parts)

- 4.8. Connect start-ups to financial institutions for funding
- 4.9. Conduct events, education programs, workshops and curricula relating to product based Incubated Persons. This may include facilitating and enhancing cooperation between relevant stakeholders such as technological institutions, universities/research institutions, technology experts, and government agencies
- 4.10. Support the branding activities of the Party through respective social media promotions by the Parties; and announce the association. Parties can publicize and advertise association in their respective website, printed materials, and other documents. Either Party may give publicity or issue advertising material in relation to this MoU or its Purpose, with prior consent of the other Party.

5. Confidentiality & Permissible Uses

- 5.1. Any information disclosed by one Party (the “**Disclosing Party**”) to the other Party (the “**Receiving Party**”) pursuant to paragraph 4 should be treated by the Receiving Party as confidential information (“**Confidential Information**”).
- 5.2. Receiving Party shall not disclose any of the Confidential Information in any manner whatsoever, except as provided herein, and shall hold and maintain the Confidential Information in strict confidence. Receiving Party should use any information, including Confidential Information, disclosed to it by the Disclosing Party only for the purposes for which the information was disclosed, unless prior written consent is obtained from the Disclosing Party for other uses. Any and all Confidential Information shall remain the exclusive property of the Disclosing Party and the Receiving Party shall not acquire any right, title, or interest therein other than the limited ability to use such Confidential Information for the purpose for which consent of the Disclosing Party has been obtained.
- 5.3. If Receiving Party is required to disclose any Confidential Information provided to it by the Disclosing Party pursuant to a requirement under law, the Receiving Party should, to the extent possible, notify the Disclosing Party prior to complying with such a requirement and should assert all appropriate legal exemptions or privileges with respect to such information as may be available.

6. Term

- 6.1. This MoU takes effect from the Effective Date and will continue to have effect for a term of five years starting from the Effective Date.
- 6.2. The Parties may review the operation of this MoU and may amend its terms as required at any time upon the mutual consent of both Parties by means of a written instrument.
- 6.3. Either Party may seek to terminate this MOU by serving thirty (30) days written notice to the other Party.
- 6.4. In the event of expiry or termination of this MoU, Confidential Information obtained under this MoU will continue to be treated in the manner set out under paragraph 5 for eighteen (18) months following the date of termination of this MoU.

7. Party-wide Contact Details

7.1. The primary points of contact for giving effect to the provisions of this MOU are as follows:

For Devaraj Urs Academy of Higher Education & Research, Tamaka, Kolar

Name: Dr. Azeem Mohiyuddin S.M

Email: dir.research@sduaher.ac.in

For Infin-8

Name: Dr. Vishal Uchila Shishir

Email: director@sectioninfin8.org

7.2. Each Party may from time to time change its respective point of contact and inform the other Party accordingly in writing.

8. Entire Understanding:

The foregoing represents the entire understanding reached between the Parties on the matters referred to in this MOU.

9. Relationship between the Parties:

This Memorandum of Understanding (MoU) is intended solely as a MoU, and no partnership, joint venture, employment agency, franchise, or other forms of agreement or relationship is intended. The Parties understand that the relationship between the parties contemplated under this MoU is strictly on a principal-to-principal basis. Nothing in this MoU shall be construed to make the employees/representatives/students of one Party construed as the employees/representatives /students of the other Party. However, both parties shall see to it that:

- (a) The respective students and employees engaged under this MoU shall strictly follow the disciplinary protocols and be professional in their conduct towards each other.
- (b) The “General Safety and Security” of the respective employees/students engaged under this MoU be ensured.

10. Law of the Land:

Both parties hereby undertake to abide by the respective law of the land concerning this MoU and the terms and conditions of the agreement/s which might be entered upon under this MoU. Licenses/Approval/s or/clearance/s from statutory authorities shall be obtained by the respective parties wherever applicable.



IN WITNESS WHEREOF the Parties hereto have executed this MoU on the date and the year first hereinabove written.

FIRST PARTY

Signature: 

Dr. DVLN Prasad

Registrar

Sri Devaraj Urs Academy of Higher

Education and Research,

Tamaka, Kolar 563103

Karnataka, India

Date: 5/11/2022

SECOND PARTY

Signature: 

Dr. Vishal Uchila Shishir

Director

Section Infin-8 foundation, Mangalore

Date: 5/11/2022

Witness 1

Signature: 

Name: Dr. Azeem Mohiyuddin S.M

Designation: Director

Address: Research and Development Cell

SDUAHER

Date: 5/11/22

Witness 2

Signature: 

Name: Vishwas Uchila Shishir

Designation: Director

Address: Section Infin-8 foundation,

Mangalore

Date:

MUTUAL NON-DISCLOSURE AGREEMENT

Please do not delete this page. This will be replaced with E-stamp paper.

This **AGREEMENT** is:

Between:	<p>1) Unilever, as further identified in the Agreement Details; and</p> <p>2) Company, as further identified in the Agreement Details.</p>
	Each a Party and together the Parties .
Background:	<p>A. Each Party may disclose Confidential Information to the other Party, for the Purpose, upon the terms stated here.</p> <p>B. Each Party shall accept Confidential Information from the other Party, for the Purpose, on such terms.</p>




Agreement Details

Effective Date	If no date is given here, then Effective Date is the date of last signature below.
Unilever	UNILEVER INDUSTRIES PRIVATE LIMITED , a company incorporated under the Indian Companies Act 1956 (Corporate Identity Number - U24110MH1994PTC081672) with its registered or primary business address at Unilever House, BD Sawant Marg, Chakala, Andheri (East) Mumbai - 400 099, Maharashtra, India, and represented for all obligations under this Agreement by Unilever Industries Private Limited, 64, Whitefield Main Road, Bangalore - 560 066, Karnataka, India
Company	SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH , with its registered or primary business address at Sri Devaraj Urs Academy of Higher Education and Research, Tamaka - 563 103, Kolar, Karnataka, India
Purpose	To discuss and explore the feasibility of carrying out epidemiological studies for homecare products for Unilever and its Affiliates

The **PARTIES AGREE**:

1. Definitions

Affiliate	In the case of the Company, means any corporation or entity controlling, controlled by or under common control, directly or indirectly, with the Company. In the case of Unilever, any companies and entities of the Unilever group controlled, directly or indirectly, by Unilever PLC in London (UK).
Disclosing Party	The Party or any of its Affiliates disclosing Information to the other Party or any of its Affiliates, in accordance with this Agreement.
Receiving Party	The Party or any of its Affiliates receiving Information from the other Party or any of its Affiliates, in accordance with this Agreement.
Disclosure	A period of one (1) year from the Effective Date during which the Parties may disclose

Period	Confidential Information.
Confidentiality Period	Confidentiality obligations (stated in Section 2) start on the Effective Date and continue for 5 years from the expiration or termination of the Disclosure Period.
Notice	Written notice sent to a Party's address stated in Agreement Details or another address or email specified for communications between Parties.
Confidential Information 	<p>Information means any business, financial, scientific and technical information including, samples, models, and prototypes in any form or format and is disclosed under this Agreement by or on behalf of Disclosing Party.</p> <p>Information is Confidential Information under this Agreement if:</p> <ol style="list-style-type: none"> 1. it is designated as confidential or if it by virtue of its character or the circumstances of its disclosure should be reasonably understood to be confidential; or 2. it is about this Agreement (the existence of and terms of this Agreement). <p>But Confidential Information does not include any Information which the Receiving Party can prove by written records was:</p> <ol style="list-style-type: none"> a. available to the public prior to receipt under this Agreement or subsequently becomes so available through no failure or default by Receiving Party or anyone who received such through the Receiving Party to comply with this Agreement; or b. known, without restriction, by the Receiving Party or its Affiliates prior to receipt under this Agreement or is subsequently disclosed, without restriction, to it by a third party having the lawful right to do so; or c. wholly independently developed by the Receiving Party or its Affiliates without use of or reference or access to the Confidential Information received under this Agreement. <p>Notwithstanding the above exceptions, the Receiving Party and its Affiliates must not disclose that they received that Information from the Disclosing Party or its Affiliates.</p>



2. Obligations - Confidential Information

The Receiving Party must, for the duration of the Confidentiality Period:

- a. **Keep confidential** all Confidential Information of the Disclosing Party and **not to disclose it to any third party** except:
 - i. to the Receiving Party's and its Affiliates' employees, in-house contractors and contract service providers, who have a *need to know* this Confidential Information, provided that: (a) those employees, contractors and contract service providers have entered into written confidentiality and non-use commitments no less onerous than as set out in this Agreement; and (b) the Receiving Party is liable for their compliance with the terms of this Agreement; or
 - ii. where and to the extent required by court order. In this circumstance, the Receiving Party shall give prompt Notice of the required disclosure to the Disclosing Party and will collaborate to the extent practicable with the Disclosing Party in order to comply with the order and preserve the confidentiality of the Disclosing Party's Confidential Information.
- b. **Not use** the Disclosing Party's Confidential Information except solely for the Purpose.
- c. If the Disclosing Party so requests in writing, the Receiving Party will return or destroy Disclosing Party's Information in its possession. However, the Receiving Party may retain one (1) copy of the Confidential Information in its legal archive.

§ 3. Governance and Miscellaneous

- 3.1 **Limitations:** Unless stated in this Agreement or otherwise contractually agreed in writing, nothing in this Agreement will:
 - 3.1.1 imply, create, grant or transfer any licence or permission in respect of Confidential Information or any intellectual property related to Confidential Information, except for the Purpose during the Disclosure Period. The Disclosing Party retains all ownership of Confidential Information and any intellectual property in it;
 - 3.1.2 be construed as providing a commitment of any kind to enter into or modify any further agreement; accept or modify any obligation/liability or purchase any goods or services; or obliging a Party to enter into any further business relationship or commitment;
 - 3.1.3 grant exclusivity with respect to the Purpose;
 - 3.1.4 create an obligation to either Party to share any results relating to Receiving Party's evaluation of the Confidential Information with the other Party.
- 3.2 **THE DISCLOSING PARTY WILL NOT BE LIABLE** for damages of any kind arising from or connected with the Receiving Party's use or reliance on Confidential Information.
- 3.3 **Amendments and Whole Agreement:** The Parties cannot modify this Agreement, except by the written agreement signed by both Parties. This Agreement sets out the entire understanding of the Parties regarding its subject matter. In entering into this Agreement, neither Party has relied upon related statements nor representations of the other Party except as stated in this Agreement.
- 3.4 **Modification of Disclosure Period:** Either Party may terminate the Disclosure Period by 14 calendar days' Notice to the other Party. Any termination is without prejudice to rights and obligations already accrued under this Agreement.
- 3.5 **Governing Law:** Without preventing either Party seeking interim injunctive or other relief as it considers appropriate, if a dispute arises in respect of this Agreement or any breach of or interpretation of the terms of this Agreement, the Parties will try to settle amicably within a period of 30 days from the date the dispute is raised by one of the Parties. In the absence of amicable settlement any issues which may arise out of this Agreement shall be governed by and construed in accordance with Indian law without regard to any choice of law principle that would dictate the application of the law of another jurisdiction, and the Indian courts shall have exclusive jurisdiction to settle any such dispute or issues.

This Agreement may be **signed in counterparts**, each of which when taken together are one and the same instrument.

AGREED:

For Unilever

For Company

Signature:

Signature:

Print name: Gaurav Pathak
Job Title: General Manager- Futureproof
Formats, Home Care & Site Operations
Date:

Print name: Dr. D.V.L.N. Prasad
Job Title: The Registrar

Date: **Registrar**
Sri Devaraj Urs Academy of Higher
Education and Research
Tumakuru, Kolar - 563 103.

Witnesses

S.M. Azeem Mohiyuddin
Dr. Azeem Mohiyuddin S.M. Mohiyuddin M.B.B.S M.S.
J. S.M. AZEEM FELLOWSHIP (Head & Neck)
SEKHSARIA FELLOWSHIP (Head & Neck)
F.I.C.S., F.A.C.S., M.N.A.M.S.,
KMC NO: 31667
DIRECTOR
Research and Development Cell
SDUAHER

Kiranmayee P.
Dr. Kiranmayee P.
Head of Dept.
Cell Biology & Molecular Genetics
SDUAHER - Kolar



सत्यमेव जयते

INDIA NON JUDICIAL

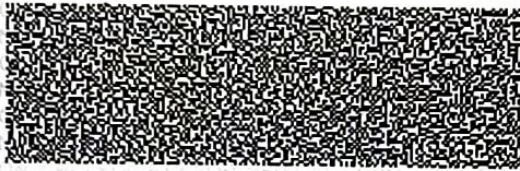
Government of Karnataka

Rs. 500

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 Unique Doc. Reference : SUBIN-KAKACRSFL0806631202870525W
 Purchased by : CBCI Society for Medical Education
 Description of Document : Article 5(J) Agreement (in any other cases)
 Property Description : RESEARCH STUDY AGREEMENT
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : CBCI Society for Medical Education
 Second Party : Sri Devaraj Urs Academy of Higher Education and R
 Stamp Duty Paid By : CBCI Society for Medical Education
 Stamp Duty Amount(Rs.) : 500
 (Five Hundred only)

सत्यमेव जयते



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RESEARCH STUDY AGREEMENT

This Research Study Agreement (referred to as the "Research Study Agreement" or "Agreement") is executed as of the date 23 Sept 2024 (the "Execution Date"),

[Handwritten signature]

Secretary in-charge
C.B.C.I. Society for Medical Education
Bengaluru - 560 034



[Handwritten signature]

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding Corporation of India.
2. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
3. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

GOVERNMENT OF KARNATAKA

BY AND BETWEEN

CBCI Society for Medical Education (CBCI-SME) a registered society under Karnataka Societies Registration Act, having its office at St. John's National Academy of Health Sciences, Sarjapur Road, Koramangala, Bangalore 560034, India, represented by its Secretary (which expression shall, where the context so permits include his successors in office and assigns), and **St. John's Research Institute (SJRI)**, a unit of CBCI Society for Medical Education, having its registered office at St. John's National Academy of Health Sciences, Sarjapur Road, Koramangala, Bangalore 560034, India, represented by its Dean (which expression shall, where the context so permits include his successors in office and assigns) herein after both CBCI-SME and SJRI are jointly referred to as '**St. John's**' or '**FIRST PARTY**',

AND

Sri Devaraj Urs Academy of Higher Education & Research (SDUAHER), a Deemed-to-be university organisation, with registered address at Tamaka, **Kolar, Karnataka** represented by its Director, Dr Kalyani R, Department of Research & Innovation, SDUAHER (Head) (which expression shall, where the context so permits include his successors in office and assigns) herein referred to as '**SDUAHER**' or "**SECOND PARTY**".

AND


Dr Suman Rao PN, Professor & Head (Designation) from the Department of Neonatology, St John's Medical College Hospital St. John's Research Institute, herein after referred to as 'Principal Investigator or PI'.

AND

Dr Sudha Reddy V R, Professor & Head, Department of Pediatrics, Sri Devaraj Urs Medical College (SDUMC), Kolar, Karnataka – 563103, herein referred to as Co-investigator or Co-I

AND

Dr Rathnamma P, Professor, Department of OB&G, Sri Devaraj Urs Medical College (SDUMC), Kolar, Karnataka -563103, herein referred to as Co-investigator or Co-I


Secretary In-charge
C.B.C.I. Society for Medical Education
Bangaluru - 560 034





This Research study agreement is entered into by **Sri Devaraj Urs Academy of Higher Education & Research (SDUAHER), Kolar, Karnataka**, as on 23 Sept 2024, to specify the terms and conditions under which SDUAHER will serve as a project implementation site, for ICMR project titled "**Implementation Research on Immediate Kangaroo Mother Care (i-KMC) in Karnataka**" conducted by **Department of Neonatology, SJMCH, SJRI**. This project is in collaboration with Karnataka Health Promotion Trust, Government of Karnataka. This project has been approved by Indian Council of Medical Research (ICMR).

The terms of the agreement are applicable to the project identified below conducted by Department of Neonatology, SJMCH, SJRI.

1. Purpose:

The purpose of this Research Study Agreement is to conduct a study entitled: **Implementation Research on Immediate Kangaroo Mother Care (i-KMC) in Karnataka**

2. Objectives, Scope, Background and Major Activities

Background:

In India, in 2020, the neonatal mortality rate (NMR) was 25/1000 live-births, accounting for about 70% of infant deaths. Three causes, i.e. prematurity/ low birth weight (LBW), asphyxia and sepsis account for about 80% of neonatal deaths; these are largely avoidable deaths. India's National Health Policy (2017) set a target of 16/1000 for NMR by 2025, and of <10/1000 by 2030 under the India Newborn Action Plan (MoHFW). If these goals are to be achieved, known cost-effective interventions need to be scaled up. Kangaroo Mother Care (KMC), comprising of skin-to-skin contact and exclusive breastmilk feeding is one such important intervention. However, newer advancements in health services research such as implementation research (IR) has taken known cost-effective interventions to scale.

The landmark Immediate KMC trial showed that initiating KMC immediately after birth before stabilization can reduce neonatal mortality by 25%. This study and the resulting new WHO recommendations on immediate KMC has led to a paradigm shift in the way preterm and LBW care is conceptualized and "re-positioned the power within the health system where mother and families play a pivotal role in the care of their sick baby. This has established the need for Mother-NICUs where the mother and newborn babies can be together 24/7 from birth and not be separated even if the LBW newborn is sick or requires intensive care.




Secretary in-charge
C.B.C.I. Society for Medical Education
Bengaluru - 560 034





Currently, iKMC is virtually non-existent. Evidence and experience are still lacking about the optimal ways to implement iKMC and its potential impact on key outcomes in the target population under programme conditions. This implementation research on iKMC will bridge this gap and provide an opportunity to learn how to improve coverage and study effectiveness of iKMC in reducing newborn mortality.

It is in this context that we are approaching SDUAHER, Kolar, Karnataka to collaborate with SJMC, SJRI, Bengaluru, Karnataka and serve as one of the project implementation sites. The reason for choosing SDUAHER, Kolar is that its constituent college, Sri Devaraj Urs Medical College has a teaching hospital R L Jalappa Hospital & Research Centre (RLJH&RC) where preterm and low birth weight newborns are admitted and treated.

All research undertaken at St. John's will comply with the St. John's Research Policy.

Project covered under this agreement

Name of the Project: "Implementation Research on Immediate Kangaroo Mother Care (i-KMC) in Karnataka"

Principal Investigator: Dr Suman Rao PN,

Funding agency: ICMR

Duration: 3 years

3. Responsibilities of the Parties:

i. Responsibilities of St. John's / PI

- Shall function as overall project coordinators.
- Shall provide training for doctors and nurses.
- Shall provide technical assistance for implementation of the project.
- Shall assess and review the progress of the project along with SDUAHER staff as and when required.
- Shall give due credit (authorship) to all the designated and participating members of SDUAHER in publications/presentations that arise out of the work carried out in the project as per mutually agreed publication policies.

ii. Responsibilities of SDUAHER, Kolar

- Shall convert the level 2 NICU into a level 2 M-SNCU, where the mothers can stay with their sick preterm or LBW newborns 24/7 for provision of iKMC.
- Shall identify and recruit subjects admitted to RLJH&RC.
- Implement iKMC for all sick preterm or LBW newborns.
- Maintain records of complete clinical details, treatment received and the outcomes.



Secretary In-charge
C.B.C.I. Society for Medical Education
Bangalore - 560 034



iii. **Financial responsibilities:**

- No financial assistance will be provided by either party.
- This study is a collaborative study.

iv. **Record keeping and access:**

- SDUAHER, Kolar shall maintain complete clinical details.
- SDUAHER faculty shall communicate clinical findings and outcomes to Dept of Neonatology, SJMC, SJRI, Bengaluru, as and when required/requested.
- Both parties shall maintain data confidentiality.

4. Term and Termination:

The initial term of this agreement has commenced on 23 Sept 2024 and shall continue for 3 years from the date of commencement, unless otherwise terminated in writing by either party as provided herein:

- a. Either party may terminate the agreement upon 90 days written notice to the other party.
- b. In the event of material breach of any terms of this agreement, any party may terminate the agreement upon filing written notice of any material breach of its terms with the other party, and affording the breaching party 15 days to rectify the breach to the noticing party's satisfaction.

5. Amendments:

This agreement may be modified, cancelled, or renegotiated upon mutual consent, at any time, through an amendment signed by authorized representatives of the organizations.

6. Intellectual property:

- i. Both parties acknowledge and agrees that the Intellectual Property Rights in and to the Inputs are owned by each party respectively and hereby undertakes to take reasonable steps to protect Intellectual Property Rights of the other party (whether registered or not) inherent in the Inputs, material / information / books / papers / tables / methods / graphic or visual presentations/texts.
- ii. Both parties further undertake to take reasonable steps to protect the Intellectual Property Rights of the other party from any kind of infringement or violation from any kind of source of whatsoever nature;
- iii. Both parties warrants that the material / information / books / papers / tables / methods / graphic or visual presentations / texts given or transferred by the other party shall be used only for the purposes of rendering appropriate and envisaged work as set out in any RSA and shall not be used for any other purposes whatsoever;

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[Handwritten signature]

[Handwritten signature]

Secretary in-charge
C.B.C.I. Society for Medical Education
Bengaluru - 560 034



[Handwritten signature]

- iv. Both parties warrants that it shall not, without the prior written consent of the other party, disclose any or part of any information, made available by the other party, to any person except its employee(s) or consultant(s) or any person representing or acting for and on behalf of the owner of the IP on a need to know basis and exclusively for the purposes of performance of work under the RSAs. Each party further warrants and undertakes to obtain written confidentiality and non-disclosure undertakings from each such employee, consultant or other persons acting on its behalf.
- v. In the event the research performed under the RSA enables or facilitates creation of any kind of legally enforceable intellectual property ("IP"), both Parties agree and endorse that ownership rights for such IP will be considered and determined on a case-to-case basis in the respective RSA before the (beginning of the) envisaged work in such RSA.
- vi. For the St. John's faculty and students, the St. John's IPR Policy dated 15th December 2022 will govern the manner any IPR matters generated through this collaboration.

7. Governing Law

This Research Study Agreement shall be governed and construed in accordance with the laws of India.

8. Arbitration

Any differences, claim or controversy arising between the Parties as to this Research Study Agreement or any breach thereof, shall be referred to arbitration under the auspices and governed by the provisions of the *Arbitration and Conciliation Act, 1996*. The Parties shall appoint their own arbitrators. The arbitration shall be at Bengaluru.

9. Jurisdiction:

The courts at Bengaluru shall have the exclusive jurisdiction to try any matters arising from the arbitration.




Secretary In-charge
C.B.C.I. Society for Medical Education
Bengaluru - 560 034



10. Indemnity.

- i. The Parties agree that each Party shall defend, indemnify and hold harmless the other Party and any employee(s), contractor(s) or agent(s) (referred to individually as "Indemnified Party") against any and all liability including reasonable attorney's fees arising out of the negligence, default or failure by such Party in compliance with this Agreement, the terms of any RSA, applicable law or any third party rights, including, but not limited to, any liability arising out of the infringement of any third party's intellectual property rights by the indemnifying Party, or any of its employee(s), contractor(s) or agent(s).
- ii. St. John's and **SDUAHER**'s obligation to indemnify any Indemnified Party will survive termination of this Agreement for a period of 2 (two) years from the date of termination of the Agreement.

11. Data Sharing

All data that is captured during this study will be de-identified of any identifier's, anonymized, encoded, and handed in a secure and confidential manner. Both parties, **SDUAHER** and St. John's, will ensure the confidentiality of the data received by them from the other party, and this confidentiality clause shall survive beyond the expiry or termination of this Research Study Agreement.

The Parties shall maintain as confidential the following types of information which may be imparted to either Party (the "Confidential Information"): All information, including without limitation this Agreement and any subsequent research agreement, purchase order, products or services, Inputs and any data, designs, documentation or other information, business and marketing plans, strategic plans; know-how, and any other information provided by either Party to the other Party, in any way during the course of its performance of any obligations related to this Agreement.

12. Nature of Relationship

The parties are independent contractors, and this RESEARCH STUDY AGREEMENT will not establish any relationship of partnership, joint venture, employment, franchise or agency between the parties.



Secretary In-charge
C.B.C.I. Society for Medical Education
Bengaluru - 560 034





13. Force Majeure.

Neither Party shall be liable for any failure to perform or for any delay in performing their obligations under this Research Study Agreement caused by a force majeure event (hereinafter defined) and the time for performance shall, if the Party affected so requires, be extended by a period corresponding with the duration or such an event causing such failure or delay. For the purpose of this paragraph "Force Majeure" means requisition or interference by any government or local authority, war, strike, lockout, labour disputes, riot, epidemic disease, Act of God, inevitable accident or any other circumstance whether similar to the above causes or otherwise beyond the control of a Party, as the case may be, which could not reasonably have been foreseen at the time of entering into this Research Study Agreement and whose effects cannot be reasonably overcome.

Notwithstanding the above, if the Force Majeure in question prevails for a continuous period in excess of thirty (30) days, the Parties shall enter into bona fide discussions with a view to alleviating its effects, or to agreeing upon such alternative arrangements as may be fair and reasonable. If the Parties cannot agree on such alternative arrangements and the Force Majeure continues then either Party shall be entitled to terminate the Research Study Agreement immediately by written notice.

This Agreement and all amendments may be signed in 2 (two) counterparts, for each party, each of which will constitute one and the same document.



Secretary In-charge
C.B.C.I. Society for Medical Education
Bengaluru - 560 034




Signatures

IN WITNESS THEREOF, the parties hereto have caused this RESEARCH STUDY AGREEMENT to be executed by their duly authorized officers or representatives.

For St. John's (First Party)


CBCI Society for Medical Education


St. Johns Research Institute


Name: Rev. Fr. Jesudoss Rajamanickam
Title: Secretary, CBCI Society for Medical Education
Date: **Secretary In-charge**
C.B.C.I. Society for Medical Education
Bengaluru - 560 034

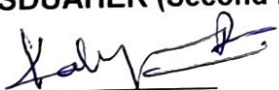

Name: Dr Tony D.S Raj
Title: Dean, SJRI
Date: **04-OCT-2024**
DEAN
St. John's Research Institute
St. John's National Academy of Health Sciences
Witness Koramangala, Bangalore - 560 034, INDIA

For Principal Investigator



Name: Dr. Suman Rao P.N
Title: Professor & Head, Dept of Neonatology SJMCH
Date


Name: Mr Ryan P
Date:


For SDUAHER (Second Party)



Name: Dr. Kalyani R
Title: Director
SDUAHER
Date:

Prof. Dr. Kalyani . R.
MD(Path), Ph.D. FAMS, FICP, FIAMS, FIMSA, FKSTA
Director
Research and Development Cell, SDUAHER
Professor & Former Head
Dept. of Pathology, SDUMC


Name: Dr Sudha Reddy V R
Title: Professor & Head,
Dept of Pediatrics, SDUMC
Date:
Prof & HoD of Paediatrics
SDUMC, Tamaka, Kolar,

Witness


Name: Dr Rathnamma P
Title: Professor, Department of OB&G
SDUMC
Obstetric and Gynaecology
Sri Devaraj Urs Medical College
Tamaka, Kolar.


Name: VENKATESWARLU RAAVI
Date:
Dr. Venkateswarlu Raavi
Deputy Co-ordinator
Research and Development Cell
SDUAHER



MEMORANDUM OF UNDERSTANDING



BETWEEN

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND
RESEARCH, KOLAR, KARNATAKA, INDIA**

AND

CALIFORNIA STATE UNIVERSITY, FRESNO, USA

This memorandum of understanding is dated as signed, and is between Sri Devaraj Urs Academy of Higher Education and Research, (hereinafter referred to as “SDUAHER”), located in Kolar, Karnataka, India and California State University, Fresno (hereinafter referred to as “Fresno State”), located in Fresno, California. When signed by the parties, this memorandum of understanding will evidence the mutual intent of SDUAHER and Fresno State to pursue cooperation in such areas as cooperative programmes of education and research, and to promote exchange among their faculty and students.

The purpose of the agreement shall be:

To outline the possible ways in which SDUAHER and Fresno State could develop and carry out collaborative research, education and exchange activities that are desirable, mutually beneficial, and contribute to fostering a cooperative relationship between the two institutions of the countries.

1. Areas of collaboration

The collaboration shall be carried out, subject to availability of funds and the approval of each institution, through such programs or activities as:

- Exploring the potential of co-sponsoring cultural interchanges (Students and faculty members exchange programs);
- Participating in the collaborative research, exchange of research publications, educational materials and instructional information; and
- Development of mutually beneficial academic and clinical program

2. General Provisions

2.1. Regulations. Implementation of this Memorandum of Understanding will be in accordance with the Regulations of both institutions.

2.2. Costs. Except as otherwise agreed by the parties in writing, all costs incurred by each of them in connection with the preparation and negotiation of this memorandum of understanding, the definitive agreements contemplated herein, and all actions undertaken in accordance herewith, will be borne by the party incurring such costs.

2.3 Effect. This agreement is a non-binding expression of mutual intent only and is contingent on, among other things: (i) negotiating definitive project agreements, such agreements to contain mutually satisfactory terms and conditions, (ii) the receipt of any necessary governmental consents or approvals or any material third-party consents, (iii) approval of the research initiative by the respective governing boards of the parties, as required, and (iv) securing the required public and participant funding support. Each institution will designate a coordinator to develop and implement specific activities or programs.

2.4. Effective Date and Length of Agreement. This Memorandum of Understanding will remain in force for a period of 5 years, subject to the availability of funds, and may be amended through the mutual agreement of both institutions. After the initial five (5) year period, this Agreement may be reviewed and renewed by mutual consent every five (5) years. Addenda to this document are an indispensable part of this Memorandum of Understanding.

2.5. Termination. Either party reserves the right to terminate this MOU upon six months' written notice to the other.

SCHEDULE

TO THE MEMORANDUM OF UNDERSTANDING

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND
RESEARCH, KOLAR, KARNATAKA, INDIA**

AND

CALIFORNIA STATE UNIVERSITY, FRESNO, USA

Item 1: Address for notices

CALIFORNIA STATE UNIVERSITY, FRESNO

Joint Managers: Dr. Sarah Lam

Assistant Vice President for International Affairs

5150 North Maple Avenue M/S JA 56

Fresno, California 93740-8026, USA

Phone: +1 559-278-0171

Email: sarahl@csufresno.edu

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND
RESEARCH, INDIA**

Joint Manager: Dr. D.V.L.N Prasad,

Registrar, SDUAHER, Kolar, Karnataka, 563103.

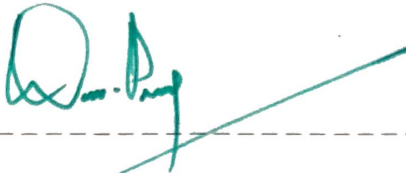
Phone: +9108152-243003-460

Email: registrar@sduaher.ac.in

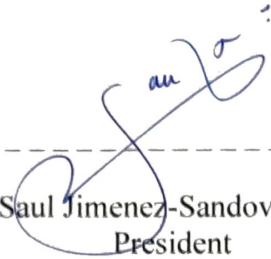
This Memorandum of Understanding shall take effect when signed by both Universities:

For: **Sri Devaraj Urs Academy of Higher Education and Research, India.**

For: **California State University, Fresno**



Dr. D.V.L.N Prasad,
Registrar



Dr. Saul Jimenez-Sandoval,
President

Date: 07 / 10 /2022

Date: 9 / 6 /2022

Witness 1

Signature



Name **DR. C.D. DAYANAND.**

Title **DEAN - FAHBS**

Address **SDUAHER.**

Date **7-10-2022**

Witness 1

Signature



Name

Dr. K N Venkateshwara Prasad
Director (Quality and Compliance)

Title

Address

SDUAHER
TAMAKA, KOLAR

Date

07/10/2022

Research Agreement

Sri Devaraj Urs Academy of Higher Education and Research,
Tamaka, Kolar, Karnataka

And

Ras Al Khaimah Medical and Health
Science University,
Ras Al Khaimah, UAE

9th July 2024

This Research Agreement (the "Research Agreement"), is made effective as of 9th July 2024
(Effective date)

BY AND BETWEEN

Sri Devaraj Urs Academy of Higher Education and Research (SDUAHER), Deemed-to-be University having its registered office at Tamaka, Kolar, 563101 represented by its Director, Dr Kalyani R, Department of Research & Innovations, SDUAHER (which expression shall, where the context so permits include his successors in office and assigns), Herein after **SDUAHER** is referred to as **First Party**.

AND

RAK Medical & Health Sciences University, UAE, referred to as **Second Party**,

AND

Dr Samudyatha UC (Principal Investigator or PI), Assistant Professor, Department of Community Medicine, Sri Devaraj Urs Medical College (DUMC), Kolar, Karnataka, 563103

AND

Dr. Mohamed Anas Patni (Co-investigator or Co-I), Associate Professor in Community Medicine, RAK Medical & Health Sciences University, UAE,

Project Details: This research project titled "*Impact of climate change on water and food use pattern and health in two distinct geographical settings: A mixed methods study*" is proposed by the PI and Co-PI, in their respective field practice areas. The project has not been submitted for funding by any agency.

1. Purpose:

The purpose of this research agreement is to have a research collaboration to conduct a research study titled "*Impact of climate change on water and food use pattern and health in two distinct geographical settings: A mixed methods study*". The project has not been submitted for funding by any agency.

2. Objectives, Scope, and Major Activities

Aims and objectives:

In two different study locations (in India and the United Arab Emirates), as compared to 2015-2020,

- To document the changes noticed by the residents in food use patterns at household levels between 2020-25;
- To document the changes noticed by the residents in drinking water availability and consumption in 2020-25;
- To assess the residents' knowledge and attitude regarding impact of climate change on health of their families
- To explore the strategies adopted by the residents for mitigating climate change impacts at household level.

Y 2024

Major activities:

1. The study will use a sequential mixed methods study design. The study will be conducted in two locations, namely, Gandhinagar (field practice area of Dept. Community Medicine, Sri Devaraj Urs Medical College, Kolar) of Kolar Taluk, Kolar District of Karnataka State, India and Ras Al Khaimah Medical and Health Science University of UAE.
2. Quantitative study: In the quantitative study, the participants will be interviewed at their households using a structured questionnaire, which will include Sociodemographic details, comparison of food and drinking water availability, storage and utilization in 2020-2025 with 2015-2020, their knowledge and attitude regarding impact of climate change on health of the families. The participants will be recruited through convenient sampling method, by house-to-house survey in the locations. Only one person member will be interviewed in each family/household. Preferably, oldest female family member will be interviewed. If this is not possible, then, the next oldest person will be interviewed. In Gandhinagar area, 242 households and RAK, 200 households will be included.
3. Qualitative study: In each location, a minimum of 5 In Depth Interviews (IDI) will be conducted at purposively chosen households, which show extreme sample variations. The total number of IDIs will be guided by saturation. The same inclusion and exclusion criteria will apply for the qualitative study also. IDI will be conducted using an IDI guide, which explores the strategies adopted by the participants for mitigating climate change impacts at household level, barriers and enablers in adopting these strategies..
4. Statistical analysis: Descriptive analysis of food and water availability frequency and percentages, and different climate change impacts will be carried out separately for the two locations and compared using Chi Square tests. The IDIs will be recorded and translated to English. Transcripts will be coded and thematic analysis will be done

3. Responsibilities of the Parties:

Responsibilities of each party: -

A. First Party

- Conceptualization and design of the study
- Obtaining Institutional ethics committee (Sri Devaraj Urs Academy of Higher Education and Research.) approval to conduct the study.
- Developing the study tools: Semi-structured questionnaire and In Depth Interview guide.
- Liaison and coordination with the collaborating medical college on study design and requirements.
- Administering and data collection of semi-structured questionnaire at Gandhinagar
- Conduct of IDI at Gandhinagar
- Receipt of data across the two sites and central analysis of all data.
- Sharing analysis and interpretation of results with collaborators.
- Preparation of research report /manuscript.
- Seeking inputs of collaborators and approval of manuscript
- The data will be centrally held and stored at Department of Community Medicine, SDUMC, Kolar

B. Second Party

- Obtain IEC approval at RAK Medical & Health Sciences University, UAE,
- Administering and data collection of semi-structured questionnaire at Ras Al Khaimah
- Conduct of IDI at Ras Al Khaimah
- Send all data collected – online, audio recordings, field notes, translate transcripts Principal investigator, SDUMC for analysis and storage.
- Provide academic input and feedback on analysis and interpretation of findings sent by the institution.
- Provide support and help when asked for by the institution in addressing the gaps in data collection, clarifying findings and data interpretation.
- Revise and approve of the final manuscript that emerges from the study.
- Being Co-authors on the manuscript that emerges from the study and provides comments and approval of the same.

4. Duration/Term:

The term of this research study is for 6 months, from June 2024 (expected) to January 2025 (expected).

5. Termination:

Either Party may terminate this Research Agreement with immediate effect at any time upon written notice if the other Party is in breach of any obligations under the (including a failure without just cause to meet a timeline) and fails to remedy such breach, where it is capable of cure, within thirty (30) days of written notice from the other Party specifying the breach and requiring its cure.

6. Notices:

1. All notices, requests and other communications which shall be or may be issued pursuant to this Research Agreement shall be sent by registered mail and/or personal delivery and/or courier and shall be addressed to the first party:

Dr Samudyatha UC (Principal Investigator or PI), Assistant Professor, Department of Community Medicine, Sri Devaraj Urs Medical College (SDUMC), Kolar, Karnataka, 563103 AND

Dr. Mohamed Anas Patni (Co-investigator or Co-I), Associate Professor, RAK Medical & Health Sciences University, UAE,

2. Such notices, requests and other communications shall be deemed to be received and made effective when duly arrived at the other party's address.
3. Any alteration or change in the addresses of each of the parties hereto shall be notified in writing to the other Party hereto without undue delay.

7. Amendment:

This Research Agreement together with the Appendices hereto constitute the entire Research Agreement among the Parties hereto with respect to the subject matter of this Research Agreement and supersede all prior Research Agreements, whether written or oral, with respect to the subject matter of this Research Agreement. Any amendment or modification to this Research Agreement must be in writing and signed by authorized representatives of each Party.

8. Intellectual property:

All copyrights, patents and other intellectual Property rights, benefits and interests in the Intellectual property associated with the Research project on its completion shall stand transferred to the SDUMC as its exclusive property in accordance with the SDUMC's Intellectual Property Policy. The PI/Institution (SDUMC) agree and undertake to assist the SDUMC in acquiring title and ownership to the Intellectual Property in the completed research project, as its lawful owner, in accordance with the Applicable laws. The revenue generated from Intellectual Property (if any) will be dealt in accordance with the SDUMC's Intellectual Property Policy and appropriate action will be taken as mutually agreed.

The PI/ Institution expressly covenant that during the tenure of the Research project and after the completion of the same, the PI/ Institution shall not directly or indirectly contest or aid in contesting the validity or ownership of Intellectual Property Rights of the SDUAHER in the completed Research Project.

The PI/ Institution agree to promptly notify the SDUAHER of any claim, demand, or suit based upon or arising from, or of any attempt by any other person, firm, or corporation, using any Intellectual Property in which the SDUAHER has a proprietary interest. The PI/ Institution agree also to promptly notify the SDUAHER of any litigation instituted by any person, firm, corporation or governmental agency against the SDUAHER, in this regard. In the event the SDUAHER pursuant to the terms of these terms and conditions, undertakes the defense or prosecution of any litigation, the PI/ Institution agree to execute any and all documents and do such acts and things as may, in the opinion of counsel for the SDUAHER, be necessary to carry out such defense or prosecution, either in the name of the SDUAHER or in the name of its nominee, as the SDUAHER shall elect.

Both, the first party (Dr Samudyatha UC, Assistant Professor, Department of Community Medicine, Sri Devaraj Urs Medical College (SDUMC), Kolar, Karnataka, 563103) and the Second party (Dr. Anas Patni Associate Professor, RAK Medical & Health Sciences University, UAE) are aware of the IP clause mentioned above.

9. Financing/Payment/Funds /Budget:

The expenses of data collection will be borne by the PI and Co-PI in their respective field areas. Any other expenses that are generic/common to both the PI/Institutions shall be borne by them in equal proportion.

10. Governing Law

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

11. Arbitration

Any differences, claim or controversy arising between the Parties as to this Research Agreement or any breach thereof, shall be referred to arbitration under the auspices and governed by the provisions of the Arbitration and Conciliation Act, 1996. The Parties shall appoint their own arbitrators. The arbitration shall be in Bengaluru.

12. Jurisdiction:

The courts at Bengaluru shall have the exclusive jurisdiction to try any matters arising from the arbitration.

13. Indemnity.

Both the parties shall defend, indemnify and hold harmless each other and any employee(s), contractor(s) or agent(s) (referred to individually as "**Indemnified Party**") against any and all liability linked to issues relating to content, operations, technology including reasonable attorney's fees) to third parties (other than liability solely to the fault of the Indemnified Party) including, but not limited to, liability related to the infringement of any third party's intellectual property rights under this Research Agreement.

14. Publications

On the completion of the Research Project, the PI/ Institution shall cause the completed Research Project/Project Report to be published in national/international indexed journals. The order of authorship will be as follows: PI; Co-PI; HOD1; HOD2; PG1; PG2; PG3; PG4, UG1, UG2, UG3, UG4

15. Nature of Relationship

The parties are independent contractors, and this Research Agreement will not establish any relationship of partnership, joint venture, employment, franchise or agency between the parties.

16. Force Majeure.

Neither Party shall be liable for any failure to perform or for any delay in performing their obligations under this Research Agreement caused by a force majeure event (hereinafter defined) and the time for performance shall, if the Party affected so requires, be extended by a period corresponding with the duration or such an event causing such failure or delay. For the purpose of this paragraph "*Force Majeure*" means requisition or interference by any government or local authority, war, strike, lockout, labour disputes, riot, epidemic disease, Act of God, inevitable accident or any other circumstance whether similar to the above causes or otherwise beyond the control of a Party, as the case may be, which could not reasonably have been foreseen at the time of entering into this Research Agreement and whose effects cannot be reasonably overcome.

Notwithstanding the above, if the Force Majeure in question prevails for a continuous period in excess of thirty (30) days, the Parties shall enter into bona fide discussions with a view to alleviating its effects, or to agreeing upon such alternative arrangements as may be fair and reasonable. If the Parties cannot agree on such alternative arrangements and the Force Majeure continues then either Party shall be entitled to terminate the Research Agreement immediately by written notice.

Signatures.

IN WITNESS THEREOF, the parties hereto have caused this RESEARCH AGREEMENT to be executed by their duly authorized officers or representatives.

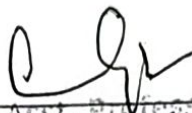
For First Party (SDUAHER)



Name: Dr. Kalyani R
Title: Director, Dept of Research & Innovations,
SDUAHER

Date: 15/07/2024

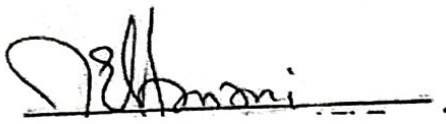
Principal Investigator



Name: Dr. Samudyatha UC
Dept. of Community Medicine
SDUMC, Tamaka KOLAR
Title: Assistant Professor,
Dept. Community Medicine,
SDUMC

Date: 09/07/2024

For Second Party (RAKMHSU)



Name: Professor Mohamed El-Tanani
Title: VP, Research and Post Graduate studies

Date: _____

Co-Investigator (RAKMHSU)



Name: Dr. Mohamed Anas Patni
Title: Assoc. Prof, Dept of Community Medicine

Date: _____

Prof. Mohamed El-Tanani
Vice President - Research & Post Graduate Studies
vp.research@rakmhsu.ac.ae





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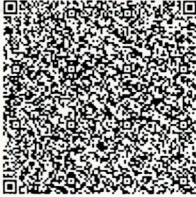
INDIA NON JUDICIAL

Government of Karnataka

Rs. 500

e-Stamp

Certificate No. : IN-KA01175210723542W
Certificate Issued Date : 30-Aug-2024 10:33 AM
Account Reference : CSCACC (GV)/ kacsceg07/ KA-KOGN1382/ KA-KO
Unique Doc. Reference : SUBIN-KAKACSCG0752925687303825W
Purchased by : SDUAHER TAMAKA KOLAR
Description of Document : Article 5(J) Agreement (in any other cases)
Property Description : MOU
Consideration Price (Rs.) : 0
(Zero)
First Party : SDUAHER TAMAKA KOLAR
Second Party : ALL INDIA INSTITUTE OF SPEECH AND HEARING
Stamp Duty Paid By : SDUAHER TAMAKA KOLAR
Stamp Duty Amount(Rs.) : 500
(Five Hundred only)



Please write or type below this line

COLLABORATIVE RESEARCH AGREEMENT
(with no financial implications)

This Collaborative Research Agreement (with no financial implications) is executed on this day, 4 September 2024.

P. Praveen Kumar

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

Page 1 of 6

11/9/2024

C. Praveen Kumar

RAJA CSC CENTER, TAMAKA, KOLAR, CSC ID: 262175120010

BY and BETWEEN

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH, (A Deemed to be University), created under Section 3 of UGC Act 1956, having its principal place of office at Tamaka, Kolar, Karnataka – 563101, duly authorized to represent by its Director, Research and Development Cell, **DR. KALYANI R**, and its Principal Investigator, **MR. S. LOKHESHWAR**, Assistant Professor, Department of Speech Pathology and Audiology, hereinafter referred to as “**SDUAHER**” as party of the **FIRST PART**.

AND

All India Institute of Speech and Hearing, an autonomous Institute under the Ministry of Health and Family Welfare, Government of India, Manasagangothri, Mysuru – 570006, duly authorized to represent by its Dean, **DR.S.P.GOSWAMI**, Research and Development Cell, and its Co-investigator **DR. PRASHANTH PRABHU**, Assistant Professor, Department of Audiology, hereinafter referred to as “**AIISH**” as party of the **SECOND PART**.

SDUAHER and **AIISH** are hereinafter individually referred as “**Party**” and collectively as “**Parties**”.

WHEREAS

The **SDUAHER**, a Deemed to be university, under the aegis of Sri Devaraj Urs Educational Trust for Backward Classes, Kolar, was established with the focus on providing of Medical Education, Innovation, Research, Health Care and other Social Services to the rural population.

The **AIISH** is an autonomous organization under the aegis of Ministry of Health & Family Welfare, Government of India, which is a premier institute providing Training, Research, Clinical Services, and Public Education in the field of Speech and Hearing in the country, through its state-of-the-art technology in its clinical service at the premises of AIISH.

Both the Parties are willing to collaborate and co-ordinate in high quality research in the field of communication disorders, by extending their expertise, as per the terms and conditions detailed in this Collaborative Research Agreement (without financial implications), hereinafter referred to as “**CRA-NF**”

[Handwritten signature]
21/11/2021

[Handwritten signature]
Page 2 of 6

[Handwritten signature]

P. Prashanth Prabhu,

NOW THEREFORE, this **CRA-NF** is witnessed as here under:

1. OBJECTIVE:

Both the parties agree to conduct two research projects as described below:

- a) Title - ***“Exploring the Use of Social Media on Learning and Patient Care in Speech-Language Pathology and Audiology: Analysis of Student Perceptions and Practices”***, that is aimed to
 - determine the use of social media and their perspectives on education,
 - determine the various social media platforms used for learning,
 - determine the effective use of social media for patient care,
 - quantify the challenges faced while using social media for educational purposes.
- b) Title – ***“A Questionnaire-Based Study on the Integration of Social Media in Teaching Practices Among Audiology and Speech-Language Pathology Faculties”***, that is aimed to
 - determine the various social media platforms used for teaching,
 - determine the effective use of social media for teaching.

2. ROLES AND RESPONSIBILITIES OF SDUAHER

- a. To develop the questionnaire for conducting the survey.
- b. To liaison with institutes offering speech and hearing programs on data collection.
- c. To share the analysis and interpretation of results with collaborators.
- d. To prepare the research project report.
- e. To submit the project report for review and approval of the collaborators.

3. ROLES AND RESPONSIBILITIES OF AIISH:

- a. To liaison with institutes offering speech and hearing programs on data collection
- b. To conduct analysis of data collection from institutes mentioned above.
- c. To review the outcome of the research study and finalize the project report.

2. Duration/Term

The term of the research is for 12 months, from 4 September 2024 to 3 September 2025.

P. Prashanth Parable

Page 3 of 6

[Handwritten signatures]

3. Termination

In case of any violation of the mutually agreed terms and conditions of this agreement, which leads to material loss, that cannot be rectified, the CRA-NF between both parties shall **be terminated** with no compensatory claim from either party against the other.

4. Intellectual Property Rights – IPR

Collaborating institutes shall have joint rights on intellectual property and data, including patents, industrial design registration, copyrights and all other proprietary information (including innovations not patented, designs not registered etc.) which result from this research collaboration.

Parties shall mutually decide to file intellectual property rights (IPRs) application/s for knowledge, finding/s, invention/s, discovery/ies, study materials/training materials/tool kits either in digital or printed form that will emerge from this collaborative project, including invention (hereinafter referred as KNOWLEDGE).

If Parties agreed to seek any IPR application for KNOWLEDGE, the same will be filed jointly. All expenses that will be required to be made to prosecute and/or maintain such IPRs will be borne equally by collaborating Institutes. This implies that no Party will apply for any IPRs independently or in collaboration with any third party or will instigate any third party to do so for KNOWLEDGE, without the written consent of partner institutes (mentioned as parties in this agreement).

Any revenue, including, but not limited to, training fees, demonstration charges, and royalty, which will be accrued through such licensing or commercialization of potential IP outcomes from this collaborative research assignment arrangements, will be distributed between the partner institutes on an equitable ratio.

Collaborating institutes can make use of KNOWLEDGE and IPRs as defined in this CRA for their internal research and academic purposes. However, Parties shall not reveal, share, license, transmit, sell KNOWLEDGE/INVENTION, and/or IPRs in part or full to any third party through any direct or indirect arrangements without prior written approval of other partner institutes.

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Handwritten signature: Lokeshwar
Page 4 of 6

Handwritten signature: C. Murugesu

Handwritten signature: P. Praveen Kumar Prasad

5. Publication

Collaborating institutes agree that one of the aims of this agreement is to publish by the way of scientific publications and/or conference proceedings that relates with the outcomes of this collaborative research as a result/observation/idea or IP. All such publications and conference appearances will be authored by First party along with Second party as co-authors, whereas every other data, information, knowledge that would be generated through project shall follow the rules of confidentiality

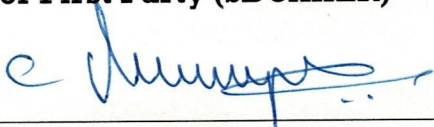
6. Confidentiality

Each Party hereby undertakes to keep strictly secret, not to disclose, in part and/or full, to any third party, and to use for the sole purposes hereof, any and all information, data, documents, samples, whatever their nature or form, disclosed between Parties, whether prior to or after signature hereof, or generated in the context of performance hereof, or the results, including the existence and the contents of this CRA, including but not limited to methods, know-how, data, graphs, texts, algorithms, software, experiment methods and results thereof, materials, samples, pictures, photographs, and test results.

Both the parties hereby agree to the above said terms and conditions.

IN WITNESS THEREOF, both the parties have set their hands to this Collaborative Research Agreement (without financial implications) to be executed by their duly authorized officers or representatives.


For First Party (SDUAHER)



Name: Dr. Muninarayana C
Title: Registrar, SDUAHER, Kolar

Date: 4/9/2024
Registrar

Sri Devaraj Urs Academy of Higher
Education and Research
Tamaka, Kolar - 563 103.

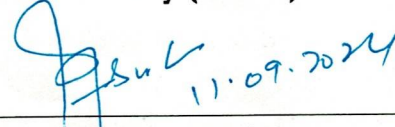


Name: Dr. Kalyani R
Title: Director, Research and
Development Cell, SDUAHER, Kolar

Date: 04/09/24

Prof. Dr. Kalyani R.
MD(Path), Ph.D. FAMS, FICP, FIAMS, FIMSA, FKSTA
Director
Research and Development Cell, SDUAHER
Professor & Former Head
Dept. of Pathology, SDUMC

For Second Party (AIISH)



Name: Dr. S P Goswami
Title: Dean, Research and
Development Cell, AIISH, Mysore

Date: Professor, Department of Speech-Language Pathology
प्रोफेसर, वाक्-भाषा वाप विभाग
आखिल भारतीय वाक् श्रवण संस्थान
All India Institute of Speech and Hearing
मानसगंगोत्री / Manasagangothri
मैसूरु / Mysuru-570 006

Principal Investigator (SDUAHER)

Lokheshwar. S

Name: Mr. S Lokheshwar
Title: Assistant Professor, Department
of Speech Pathology and Audiology,
SDUAHER, Kolar

Date: 4/9/2024

LOKHESHWAR. S
Assistant Professor (SLP)
Dept. of Speech Pathology & Audiology
SDUAHER, Kolar, RCI No. A58213

Co-investigator (AIISH)

P. Prashanth Prabhu.

Name: Dr. P Prashant Prabhu
Title: Assistant Professor, Department
of Audiology, AIISH, Mysore

Date: 4/9/2024

डॉ. प्रशांत प्रभु पि. / Dr. Prashanth Prabhu P.
M.Sc. (Aud), Ph.D. (Aud)
सहायक प्रोफेसर-श्रवणविज्ञान / Assistant Professor in Audiology
अखिल भारतीय काक श्रवण संस्थान
All India Institute of Speech and Hearing
मैसूरु / Mysuru-570 006
RCI Regn. No : A22153

P. Prashanth Prabhu
11/09/2024



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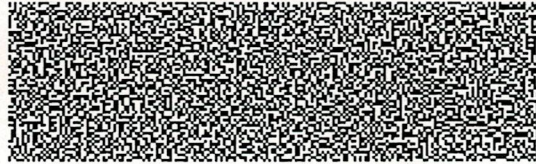
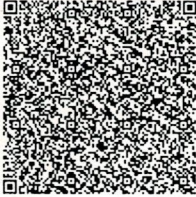
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Government of Karnataka

Rs. 500

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Purchased by : SDUAHER TAMAKA KOLAR
Description of Document : Article 5(J) Agreement (in any other cases)
Property Description : MOU
Consideration Price (Rs.) : 0
(Zero)
First Party : SDUAHER TAMAKA KOLAR
Second Party : ALL INDIA INSTITUTE OF SPEECH AND HEARING
Stamp Duty Paid By : SDUAHER TAMAKA KOLAR
Stamp Duty Amount(Rs.) : 500
(Five Hundred only)



Please write or type below this line

COLLABORATIVE RESEARCH AGREEMENT
(with no financial implications)

This Collaborative Research Agreement (with no financial implications) is executed on this day, 4 September 2024.

P. Praveen Kumar

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

Page 1 of 6

11/9/2024

RAJA CSC CENTER, TAMAKA, KOLAR

BY and BETWEEN

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH, (A Deemed to be University), created under Section 3 of UGC Act 1956, having its principal place of office at Tamaka, Kolar, Karnataka – 563101, duly authorized to represent by its Director, Research and Development Cell, **DR. KALYANI R**, and its Principal Investigator, **MR. S. LOKHESHWAR**, Assistant Professor, Department of Speech Pathology and Audiology, hereinafter referred to as “**SDUAHER**” as party of the **FIRST PART**.

AND

All India Institute of Speech and Hearing, an autonomous Institute under the Ministry of Health and Family Welfare, Government of India, Manasagangothri, Mysuru – 570006, duly authorized to represent by its Dean, **DR.S.P.GOSWAMI**, Research and Development Cell, and its Co-investigator **DR. PRASHANTH PRABHU**, Assistant Professor, Department of Audiology, hereinafter referred to as “**AIISH**” as party of the **SECOND PART**.

SDUAHER and **AIISH** are hereinafter individually referred as “**Party**” and collectively as “**Parties**”.

WHEREAS

The **SDUAHER**, a Deemed to be university, under the aegis of Sri Devaraj Urs Educational Trust for Backward Classes, Kolar, was established with the focus on providing of Medical Education, Innovation, Research, Health Care and other Social Services to the rural population.

The **AIISH** is an autonomous organization under the aegis of Ministry of Health & Family Welfare, Government of India, which is a premier institute providing Training, Research, Clinical Services, and Public Education in the field of Speech and Hearing in the country, through its state-of-the-art technology in its clinical service at the premises of AIISH.

Both the Parties are willing to collaborate and co-ordinate in high quality research in the field of communication disorders, by extending their expertise, as per the terms and conditions detailed in this Collaborative Research Agreement (without financial implications), hereinafter referred to as “**CRA-NF**”

[Handwritten signature]
21/11/2021

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Page 2 of 6

[Handwritten signature]

P. Prashanth Prabhu,

NOW THEREFORE, this **CRA-NF** is witnessed as here under:

1. OBJECTIVE:

Both the parties agree to conduct two research projects as described below:

- a) Title - ***“Exploring the Use of Social Media on Learning and Patient Care in Speech-Language Pathology and Audiology: Analysis of Student Perceptions and Practices”***, that is aimed to
 - determine the use of social media and their perspectives on education,
 - determine the various social media platforms used for learning,
 - determine the effective use of social media for patient care,
 - quantify the challenges faced while using social media for educational purposes.
- b) Title – ***“A Questionnaire-Based Study on the Integration of Social Media in Teaching Practices Among Audiology and Speech-Language Pathology Faculties”***, that is aimed to
 - determine the various social media platforms used for teaching,
 - determine the effective use of social media for teaching.

2. ROLES AND RESPONSIBILITIES OF SDUAHER

- a. To develop the questionnaire for conducting the survey.
- b. To liaison with institutes offering speech and hearing programs on data collection.
- c. To share the analysis and interpretation of results with collaborators.
- d. To prepare the research project report.
- e. To submit the project report for review and approval of the collaborators.

3. ROLES AND RESPONSIBILITIES OF AIISH:

- a. To liaison with institutes offering speech and hearing programs on data collection
- b. To conduct analysis of data collection from institutes mentioned above.
- c. To review the outcome of the research study and finalize the project report.

2. Duration/Term

The term of the research is for 12 months, from 4 September 2024 to 3 September 2025.

P. Prashanth Parable

Page 3 of 6

[Handwritten signatures]

3. Termination

In case of any violation of the mutually agreed terms and conditions of this agreement, which leads to material loss, that cannot be rectified, the CRA-NF between both parties shall **be terminated** with no compensatory claim from either party against the other.

4. Intellectual Property Rights – IPR

Collaborating institutes shall have joint rights on intellectual property and data, including patents, industrial design registration, copyrights and all other proprietary information (including innovations not patented, designs not registered etc.) which result from this research collaboration.

Parties shall mutually decide to file intellectual property rights (IPRs) application/s for knowledge, finding/s, invention/s, discovery/ies, study materials/training materials/tool kits either in digital or printed form that will emerge from this collaborative project, including invention (hereinafter referred as KNOWLEDGE).

If Parties agreed to seek any IPR application for KNOWLEDGE, the same will be filed jointly. All expenses that will be required to be made to prosecute and/or maintain such IPRs will be borne equally by collaborating Institutes. This implies that no Party will apply for any IPRs independently or in collaboration with any third party or will instigate any third party to do so for KNOWLEDGE, without the written consent of partner institutes (mentioned as parties in this agreement).

Any revenue, including, but not limited to, training fees, demonstration charges, and royalty, which will be accrued through such licensing or commercialization of potential IP outcomes from this collaborative research assignment arrangements, will be distributed between the partner institutes on an equitable ratio.

Collaborating institutes can make use of KNOWLEDGE and IPRs as defined in this CRA for their internal research and academic purposes. However, Parties shall not reveal, share, license, transmit, sell KNOWLEDGE/INVENTION, and/or IPRs in part or full to any third party through any direct or indirect arrangements without prior written approval of other partner institutes.

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Handwritten signature: Lokeshwar
Page 4 of 6

Handwritten signature: C. Murugesu

Handwritten signature: P. Praveen Kumar Prasad

5. Publication

Collaborating institutes agree that one of the aims of this agreement is to publish by the way of scientific publications and/or conference proceedings that relates with the outcomes of this collaborative research as a result/observation/idea or IP. All such publications and conference appearances will be authored by First party along with Second party as co-authors, whereas every other data, information, knowledge that would be generated through project shall follow the rules of confidentiality

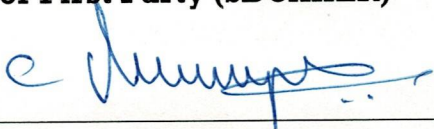
6. Confidentiality

Each Party hereby undertakes to keep strictly secret, not to disclose, in part and/or full, to any third party, and to use for the sole purposes hereof, any and all information, data, documents, samples, whatever their nature or form, disclosed between Parties, whether prior to or after signature hereof, or generated in the context of performance hereof, or the results, including the existence and the contents of this CRA, including but not limited to methods, know-how, data, graphs, texts, algorithms, software, experiment methods and results thereof, materials, samples, pictures, photographs, and test results.

Both the parties hereby agree to the above said terms and conditions.

IN WITNESS THEREOF, both the parties have set their hands to this Collaborative Research Agreement (without financial implications) to be executed by their duly authorized officers or representatives.


For First Party (SDUAHER)



Name: Dr. Muninarayana C
Title: Registrar, SDUAHER, Kolar

Date: 4/9/2024
Registrar

Sri Devaraj Urs Academy of Higher
Education and Research
Tamaka, Kolar - 563 103.

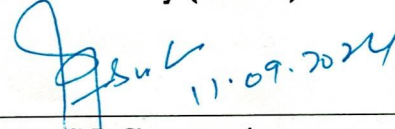


Name: Dr. Kalyani R
Title: Director, Research and
Development Cell, SDUAHER, Kolar

Date: 04/09/24

Prof. Dr. Kalyani R.
MD(Path), Ph.D. FAMS, FICP, FIAMS, FIMSA, FKSTA
Director
Research and Development Cell, SDUAHER
Professor & Former Head
Dept. of Pathology, SDUMC

For Second Party (AIISH)



Name: Dr. S P Goswami
Title: Dean, Research and
Development Cell, AIISH, Mysore

Date: Professor, Department of Speech-Language Pathology

प्रोफेसर, वाक्-भाषा वाप विभाग
आखिल भारतीय वाक् श्रवण संस्थान
All India Institute of Speech and Hearing
मानसगंगोत्री / Manasagangothri
मैसूरु / Mysuru-570 006

Principal Investigator (SDUAHER)

Lokheshwar. S

Name: Mr. S Lokheshwar
Title: Assistant Professor, Department
of Speech Pathology and Audiology,
SDUAHER, Kolar

Date: 4/9/2024

LOKHESHWAR. S
Assistant Professor (SLP)
Dept. of Speech Pathology & Audiology
SDUAHER, Kolar, RCI No. A58213

Co-investigator (AIISH)

P. Prashanth Prabhu.

Name: Dr. P Prashant Prabhu
Title: Assistant Professor, Department
of Audiology, AIISH, Mysore

Date: 4/9/2024

डॉ. प्रशांत प्रभु पि. / Dr. Prashanth Prabhu P.
M.Sc. (Aud), Ph.D. (Aud)
सहायक प्रोफेसर-श्रवणविज्ञान / Assistant Professor in Audiology
अखिल भारतीय काक श्रवण संस्थान
All India Institute of Speech and Hearing
मैसूरु / Mysuru-570 006
RCI Regn. No : A22153

P. Prashanth Prabhu
11/09/2024



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Government of Karnataka

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Certificate No. : IN-KA13099953449556W
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 Description of Document : Article 5(J) Agreement (in any other cases)
 Property Description : MOU
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : JAIN DEEMED TO BE UNIVERSITY BENGALURU
 Second Party : SDUAHER TAMAKA KOLAR
 Stamp Duty Paid By : SDUAHER TAMAKA KOLAR
 Stamp Duty Amount(Rs.) : 500
 (Five Hundred only)



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MEMORANDUM OF UNDERSTANDING (MoU)

This Memorandum Of Understanding is executed on the 16th September 2024 and is effective from 16th September 2024

By and Between

Jain
 Registrar
 JAIN Deemed-to-be-University

Shree
 Registrar
 Sri Devaraj Urs Academy of Higher Education and Research

KARNATAKA CSC CENTER, KARNATAKA GOVERNMENT OF KARNATAKA

JAIN (Deemed-to-be University) is notified by the Ministry of HRD, Government of India, as an Institution Deemed-to-be-University vide notification No. F. 9-57/2007-U.3A dated 19/12/2008, under section 3 of the UGC Act, 1956. having its registered office at # 91/2, Dr. A.N. Krishna Rao Road, V.V. Puram, Bengaluru 560 004 represented by its Registrar, Dr. Jitendra Kumar Mishra (hereinafter referred to as "**JAIN**" which expression shall include its representatives, successors, partners, incubates, subsidiaries, joint ventures and assignees) party of the **FIRST PART**.

and

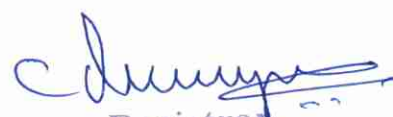
SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH, (A Deemed to be University), created under Section 3 of UGC Act 1956, having its principal place of office at Tamaka, Kolar, Karnataka - 563101, duly authorized to represent by its Registrar, **Dr. MUNINARAYANA. C**, hereinafter referred as "**SDUAHER**" as party of the **SECOND PART**

JAIN and **SDUAHER** shall hereinafter be referred individually as "**Party**" and collectively as "**Parties**".

WHEREAS

1. **JAIN** (Deemed-to-be University), is a Center for Research in Pure and Applied Sciences, at No. 319, 17th Cross, 25th Main Road, J P Nagar 6th Phase, Bengaluru, Karnataka 560078, is carrying out research in the frontier areas of Biosciences, Phytochemistry and Pharmacognosy (Medicinal Herbs and metabolites from Microbial sources), bioactive compounds having anti-cancer, anti-inflammatory, anti-oxidant and anti- microbial activities), Nanotechnology, Tissue engineering and Drug delivery requiring Human placenta samples for wound healing studies.


Registrar
JAIN (Deemed-to-be-University)


Registrar
Sri Devaraj Urs Academy of Higher
Education and Research
Tamil Nadu - 600 002.

2. **SDUAHER** (Deemed to be University), is a Center of Excellence for Teaching, Training, and Research in the field of Higher Education, accredited by NAAC for conducting Medical UG - MBBS, Medical PG – MD, MS and other PG Diploma courses. It has plans for doctoral programs in Biochemistry, Microbiology and fellowship programs in Head and Neck Onco- Surgery. Its attached teaching hospital R.L.Jalappa Hospital and Research Centre provides secondary and tertiary health care to the rural and urban population of the Kolar district and bordering areas of the neighboring states of Tamil Nadu and Andhra Pradesh and is also a boon to the victims of accidents on the highway as it has a well-equipped Trauma Centre, ICU and scanning facilities of CT and MRI. It also owns a Hospital in main Kolar town and a OPD center at Devaraj Samudra, providing Outreach services to the needy through free medical camps at taluk levels as well as in villages of remote areas.
3. Considering the benefits of Institutional level co-operative programs that promote sustainable academic activities and research education, to stimulate and facilitate the research development and intellectual life of the participants, **JAIN** and **SDUAHER** enter this MoU. The MoU is intended to stimulate and facilitate the research development and intellectual life of both the parties, under the following terms and conditions.

Article 1 - AREAS OF COLLABORATION

The Parties mutually agree to collaborate through either of the below ways:

- a. Career development and capacity building of established staff to joint research.
- b. Support for curriculum development, including the provision of training courses.
- c. Provision of suitably qualified guides.
- d. Exchange of information and publications.
- e. Joint organization of conferences and workshops.
- f. Joint project proposals.

On mutual agreement, the areas of Collaboration shall be identified based on feasibility on either side with desirable outcomes that contribute to the fostering and development of cooperation between the parties.

Article 2 - IMPLEMENTATION

In order to carry out the operations as per terms and conditions of this MoU, the parties shall identify a Single Point of contact (SPOC) to coordinate the development and conduct of the joint activities, at either side who will normally be:


Registrar

JAIN (Deemed-to-be-University)


Registrar
Sri Devaraj Urs Academy of Higher
Education and Research

- SPOC for JAIN** - **Dr. Varalakshmi K N**
The Director,
Center for Research in Pure and Applied Sciences,
- SPOC for SDUAHER** - **Dr. C.D. Dayanand**
Director
Center for Advanced Research & Excellence

Any change of SPOC to be notified to the other party within 7 days of change.

Article 3 - FUNDING AND FINANCE

The budget for each specific program or activity under this MoU shall be mutually discussed and agreed upon in writing by both parties prior to the initiation of the program or activity undertaken as per the Annual Plan of Action (APA) which is finalized before the commencement of each Annual Cycle i.e., September to August.

Article 4 - DURATION OF MoU

The agreement will remain in force for 05 (Five) years and may be extended on mutual consent. The parties to the agreement can mutually agree to include / delete any of the terms and conditions set forth in this MoU, through a separate sign-off for the amendment.

This MoU may be terminated by either party on the happenings or occurrence of any of the following events or conditions:

- i) There is a material deviation performance of this MoU and not cured even after receiving a written notice of 30 days to remedy the breach, the aggrieved party may terminate the agreement, by giving three months' notice to the other party.
- ii) Insolvency, bankruptcy, reorganization under bankruptcy or insolvency laws due to which either of the party is unable to continue with the performance of the MoU.

Notwithstanding any such termination, both parties shall ensure that all activities in progress before termination are completed successfully.

The termination of this MoU shall be without prejudice to any rights accrued to the parties up to the date of such termination. Upon termination, each party shall cease using the logo/mark, if any, procured under this MoU.



Registrar



Registrar

Article 5 - JOINT RESEARCH

Faculty of JAIN and Sri Devaraj Urs Academy of Higher Education and Research will undertake collaborative research projects for sharing of research ideas, infrastructural facilities (instruments/Biomedical samples), and project proposals.

The Outcome of the Research projects, including the Publications and the Patents shall be jointly owned by both the parties.

Article 6 -INTELLECTUAL PROPERTY RIGHTS

The Intellectual Property Rights that arise as a result of joint research and collaborative activity under this MoU, will be worked out on a case-to-case basis and will be consistent with the officially laid down IPR policies of the parties.

ARTICLE 7 – FINANCIAL IMPLICATIONS

There shall be no financial obligations that shall arise from this MOU for either party.

Article 8 - CONFIDENTIAL INFORMATION

The Parties agree that during the subsistence of the MoU, they may come into possession of information confidential to the disclosing party and agreed to keep confidential, the disclosing party's proprietary, and confidential information obtained at any time during the period of the assignment ('Confidential Information').

The Parties shall not disclose such confidential information to any person, other than employees of the party who need to know if the information in relation to this MoU.

The Parties shall not make any copies of the confidential information. However, the following shall not be considered as confidential information for this purpose:

- i) Data/Information is already in the public domain.
- ii) Data/Information placed in public domain by either of the parties as intended by the Project and mutually agreed without any breach of obligations hereunder.
- iii) Data/Information already in the possession of the either of the party prior to the receipt of such Data/Information from the other party.
- iv) Data/Information independently developed by either of the party without any support from the other party.
- v) Data/Information is disclosed pursuant to any legal, judicial or arbitration or similar legal proceedings or as required by law; provided that the receiving party promptly notifies the disclosing party in writing of any such requests and users all reasonable commercial effort is to protect the confidential information as being the confidential.



Registrar

JAIN (Deemed-to-be-University)



Registrar
Sri Devaraj Urs Academy of Higher
Education and Research
Tomaka, Kolar - 563 103.

The receiving party shall not disclose, reproduce, or use any confidential information for the purpose except solely in connection with its performance of this MoU and for no other purpose.

Upon expiration or termination of this MoU, the receiving party shall seize using all such confidential information and it shall either destroy or return all copies of such confidential information, in whatever form.

Within five business days of termination of this MoU, the receiving party shall certify in writing that the confidential information has been destroyed or returned, as the case may be, and that no copies have been retained in any form whatsoever.

For the purposes of this MoU, the term receiving party shall mean the party who receives confidential information from the disclosing party and the disclosing party shall mean the party disclosing the confidential information.

Article 9 - INDEMNITY

Each party shall indemnify, defend, and hold the other party, and subsidiary or affiliate thereof and their respective officers, directors and agents and employees harmless from and against all claims, damages, liabilities, costs, losses and expenses, including reasonable attorney's fees and expenses incurred due to any claim made against the other party, arising out of breach by the party of the obligation (including any warranty) and this MoU.

Each party, further agrees to indemnify, defend and hold the other party, harmless from and against all claims, damages, liabilities, costs, losses and expenses, including reasonable attorney's fees and expenses incurred due to any claim arising out of infringement of equipment's, apparatus and such other machinery provided by them or due to any claim arising with respect to their respective premises.

Article 10 - RELATIONSHIP

This MoU is not intended to constitute, create or otherwise recognize a consortium, joint-venture, Corporation, partnerships or any legal entity. The rights and obligations of the parties are those expressly set forth herein. The parties shall act as independent contractors in the performance of this MoU.

Nothing in this MoU shall be construed to grant either JAIN or SDUAHER, the right to act as agent or make commitments of any kind on behalf of the other party without prior written consent from the other party.



Registrar

JAIN (Deemed-to-be-University)



Registrar

Sri Devaraj Urs Academy of Higher
Education and Research
Tamaka, Kolar - 563 103.

Article 11 - NON-SOLICITATION AND NON-COMPETITION

Both the parties agree that, during the term of this MoU for a period of Five (5) years or after the termination of this MoU (for any reason), they shall not directly or indirectly either for themselves or for any other commercial enterprise, solicit, divert, or take away any of the parties the employees or business in existence during the term of this MoU and at the time of the termination of such engagement.

Article 12 - AMENDMENTS

No modification, variation, amendments or alteration to any of the terms and conditions of this MoU shall be valid unless the same is made in writing and signed by all the parties hereto.


Article 13 - DISPUTE RESOLUTION

In the event of any dispute arising in respect of this MoU, the parties shall refer such a dispute to arbitration. Each party shall be entitled to appoint one arbitrator and the two arbitrators so appointed shall appoint the third arbitrator. The arbitration shall be conducted in accordance with the Arbitration and Conciliation Act, 1996. The language of arbitration shall be English, and the venue shall be Bangalore.

Article 14- GOVERNING LAW AND JURISDICTION

This MoU shall be governed and construed in accordance with the laws of India and shall be subject to the courts in Bangalore.


Registrar
JAIN (Deemed-to-be-University)


Registrar
Sri Devaraj Urs Academy of Higher
Education and Research
Tamaka, Kolar - 563 103.

IN WITNESS WHERE OF THE PARTIES HERE TO AFFIX THEIR RESPECTIVE SIGN AND SEAL ON THESE PRESENTS ON THE DAY AND THE YEAR FIRST HERE IN ABOVE MENTIONED.


For and behalf of JAIN

Signature:


Dr. Jitendra Kumar Mishra
Registrar
JAIN (Deemed to be University)

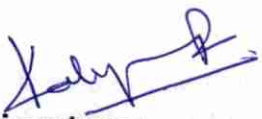
For and behalf of SDUAHER

Signature:



Dr. Muninarayana C
Registrar
SDUAHER (Deemed-to-be University)

Witness:

Signature:

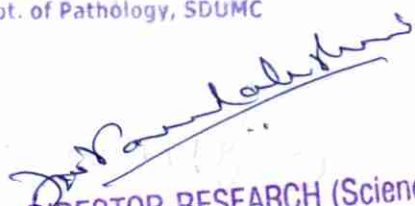

Dr. Kalyani
Director
Research & Innovation
SDUAHER

Signature:


Dr. C.D. Dayanand
Director Center for Advanced
Research & Excellence
SDUAHER

Prof. Dr. Kalyani . R.

MD(Path), Ph.D, FAMS, FICP, FIAMS, FIMSA, FKSTA
Director
Research and Development Cell, SDUAHER
Professor & Former Head
Dept. of Pathology, SDUMC


DIRECTOR-RESEARCH (Sciences)
JAIN (Deemed to be University)
Bangalore

INCOMING DATA USE AGREEMENT (the "Agreement") between Sri Devraj Urs Academy of Higher Education and Research (SDUAHER), hereinafter referred to as "Data Provider," and President and Fellows of Harvard College, acting through Harvard T.H. Chan School of Public Health, hereinafter referred to as "Harvard." Data Provider and Harvard may hereinafter be referred to individually as a "Party," and collectively as the "Parties." The effective date of this Agreement shall be the date of execution (the "Effective Date").

WHEREAS, Data Provider shall make the Data, as defined below, available to Harvard as described herein;

WHEREAS, the research contemplated by this Agreement will further the instructional and research objectives of Harvard in a manner consistent with its status as a non-profit, tax-exempt, educational institution.

NOW, THEREFORE, the Parties hereto agree as follows:

1. **PURPOSE.** Data Provider shall provide the Data to Harvard at no cost, for the purpose set forth in Exhibit A (the "Purpose"). The Data shall not be used except as authorized under this Agreement. For purposes of this Agreement, a "Harvard Researcher" is an individual who (i) is a faculty member, fellow, student, or employee of Harvard and (ii) needs to access the Data for the Purpose. The Data will be made available only to Harvard Researchers. The Data shall not be further distributed to others, including without limitation, employees or representatives of Harvard other than the Harvard Researchers, without Data Provider's prior written consent.

In no circumstances shall the Data be used in connection with the diagnosis or treatment of human subjects.

2. **DATA.** "Data" means the confidential and proprietary information that is described in Exhibit B, to be disclosed by Data Provider to Harvard and Harvard Researchers in accordance with this Agreement.
3. **TERM.** The term of this Agreement commences on the Effective Date, and expires upon the earlier of: (i) December 31, 2029 or (ii) termination under Section 10.
4. **PUBLICATION.** Harvard agrees to recognize the contribution of Data Provider as the source of the Data in all written or oral public disclosures concerning Harvard's research using the Data, as appropriate in accordance with scholarly standards. The Data Provider will be informed of all proposed research using the Data intended for publication in advance of research initiation. The Data Provider will be offered the opportunity to collaborate on any work using the Data of which is intended for publication. The Data Provider will be included as an author in said publication, so long as the authorship criteria set out by the International Committee of Medical Journal Editors (ICMJE) are fulfilled. An authorship agreement will be drawn up to outline who will be included in authorship, the roles of each co-author, and each author's proposed place in the authorship list, all the aforementioned providing authors contribute to the standard described in the authorship agreement and meet ICMJE authorship criteria.

Harvard and Harvard Researchers will be free to distribute and publish research results and other products of their research in works such as academic journals, books, online publications, unpublished working papers, reports, information included in presentations for academic seminars and conferences, and other materials derived from, based on or using the Data. Prior to any such public use, Harvard Researchers will provide Data Provider with a thirty (30) day period in which to review each proposed publication in confidence, provided that the scope and purpose of such review will be limited to the identification of Data contained in the publication which Data Provider does not consent

to disclose. At the end of the 30-day review period, Harvard and/or Harvard Researchers will have the right to publish. For the avoidance of doubt, once a work has been reviewed, the content may be further disclosed in substantially the same form on multiple occasions without additional review by Data Provider.

Harvard will provide Data Provider with at least one copy of the final versions of all published papers generated under this Agreement.

5. **LICENSE TO USE DATA.** Nothing in this Agreement will be construed to confer on Harvard any ownership interest, license or other rights as to the Data or any other intellectual property of the Data Provider, except as expressly stated in this Agreement.

Subject to the terms and conditions of this Agreement, Data Provider hereby grants to Harvard and Harvard Researchers the non-exclusive, irrevocable, royalty-free rights: (i) to use the Data and research results derived from the Data for teaching and research, and related scholarly activities, including those listed in the Purpose; (ii) to use the Data in raw and aggregated form, as well as in combination with other data sets; and (iii) subject to Sections 6 and 7, to publish, reproduce or otherwise publicly disclose the research results and other products of the research.

If Harvard or Harvard researchers intend to use the Data for research outputs for publication regarding a single country, approval to use the Data in that publication must be sought from the Data Provider of that country. The Data Provider must respond to this request within twenty-one (21) days, if a response is not provided in the defined time frame, a presumption of approval to conduct the proposed research may be made, and no further approval will be required. Approval does not need to be sought if data from multiple countries are used in said publication.

6. **INTELLECTUAL PROPERTY.** Harvard or Harvard Researchers, as the case may be under Harvard intellectual property policy, shall own the entire right, title and interest, including all patents, copyrights, and other intellectual property rights, in and to (i) all research results produced by Harvard Researchers based on, derived from or using the Data, and (ii) all tangible materials, inventions, discoveries, works of authorship, software, information, and data, in each case, conceived or developed by Harvard Researchers in the performance of the Purpose. Co-authors on any published works resulting from the Data will be entitled to the intellectual property rights provided to them as co-authors, per the ICMJE criteria.
7. **CONFIDENTIALITY.** Harvard (i) will use reasonable care to protect the security of the Data, (ii) will limit access to the Data to authorized recipients as provided in Section 1, and (iii) will not at any time during or after the term of this Agreement disclose Data to persons other than Harvard Researchers without first obtaining Data Provider's prior written consent, except as otherwise required by law in which case Harvard shall, unless prohibited by law, notify Data Provider prior to such disclosure. Harvard will report promptly to Data Provider any disclosure of the Data not authorized by this Agreement of which it becomes aware.

Notwithstanding the foregoing, in no event is information Data if it: (a) was lawfully in the possession of Harvard or Harvard Researchers before receipt from Data Provider under this Agreement; (b) is or becomes publicly available other than as a result of a breach of this Agreement by Harvard or Harvard Researchers; (c) is received by Harvard or Harvard Researchers from a third party having an apparent bona fide right to disclose the information to Harvard; or (d) is independently developed by Harvard or Harvard Researchers without use of the Data.

Notwithstanding anything to the contrary herein, Data Provider may be identified as the source of the Data. Furthermore, each Party may disclose both the existence and purpose of the relationship that is the subject of this Agreement, including the existence of this Agreement.

8. **REPRESENTATIONS AND WARRANTIES.** Data Provider warrants that it has the right to disclose the Data to Harvard and Harvard Researchers.

ALL DATA ARE PROVIDED "AS IS." EXCEPT AS PROVIDED IN THE FIRST SENTENCE OF THIS SECTION, DATA PROVIDER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE DATA'S ACCURACY, COMPLETENESS OR USE. THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR THAT THE USE OF THE DATA WILL NOT INFRINGE ANY PATENT, COPYRIGHT, TRADEMARK, OR OTHER PROPRIETARY RIGHTS.

HARVARD AND HARVARD RESEARCHERS MAKE NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE PURPOSE AND RESEARCH RESULTS AND DISCLAIM ALL REPRESENTATIONS AND WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NONINFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS.

9. **USE OF NAME.** Except as expressly provided in this Agreement, neither Party shall use or register the other Party's name (alone or as part of another name) or any logos, seals, insignia or other words, symbols or devices that identify the other Party, including any school, unit, division or affiliate ("Names") for any marketing, publicity, or promotional purposes in connection with this Agreement or the Purpose, except with the prior written approval of, and in accordance with restrictions required by the Party whose Name is to be used. The foregoing notwithstanding, the Parties agree that each Party may make factual statements regarding the existence and purpose of the relationship that is the subject of this Agreement, without written permission from the other Party. In any such statements, the relationship of the Parties shall be accurately and appropriately described.
10. **TERMINATION.** This Agreement shall expire as of the date described in Section 3, unless extended by agreement of the Parties, or terminated earlier under this Section. Either Party may terminate this Agreement for any reason upon thirty (30) days' prior written notice to the other Party. Data Provider may terminate this Agreement immediately if Harvard is determined to be in breach of this Agreement.

Upon the earliest to occur - either termination or expiration of this Agreement - Data Provider may instruct Harvard in writing to either destroy or return the Data to Data Provider within a reasonable time limit, but not less than thirty (30) days from the date of notification. Notwithstanding the foregoing, Harvard may retain one copy of the Data to the extent necessary to comply with the records retention requirements under any law or regulation and for the purposes of research integrity and verification.

11. **LIMITATION OF LIABILITY.** IN NO EVENT SHALL EITHER PARTY BE LIABLE TO THE OTHER FOR ANY INDIRECT, PUNITIVE, CONSEQUENTIAL, OR SPECIAL DAMAGES, INCLUDING LOST REVENUES OR PROFITS, ARISING FROM BREACH OF THE TERMS IN THIS AGREEMENT, NEGLIGENCE, STRICT LIABILITY OR OTHER TORT, OR ANY OTHER CAUSE.
12. **GOVERNING LANGUAGE.** The English language version of this Agreement shall be the official version. The Agreement may be translated, if necessary, but the English language version shall govern in the event of any inconsistencies between the two.
13. **GOVERNING LAW.** This Agreement will be governed by, and construed in accordance with, the substantive laws of the Commonwealth of Massachusetts, without giving effect to any choice or conflict of law provision, except that questions affecting the construction and effect of any patent shall be determined by the law of the country in which the patent shall have been granted. Any action, suit or other proceeding arising under or relating to this Agreement (a "Suit") shall be brought in a court of

competent jurisdiction in the Commonwealth of Massachusetts, and the Parties hereby consent to the sole jurisdiction of the state and federal courts sitting in the Commonwealth of Massachusetts. Each Party agrees not to raise any objection at any time to the venue of any Suit in any of the specified courts, irrevocably waives any claim that Suit has been brought in any inconvenient forum and further irrevocably waives the right to object, with respect to any Suit, that such court does not have any jurisdiction over such Party.

14. **COMPLIANCE WITH LAW.** Data Provider and Harvard will perform under this Agreement in compliance with all requirements of all laws, rules regulations, and professional standards applicable to the transfer of the Data and the performance of research for the Purpose. The Parties shall cooperate with each other to facilitate compliance with these laws, regulations and standards.
15. **NOTICES.** Any notice under this Agreement, excluding the actual provision of Data, may be delivered in person, or sent by fax, by electronic mail, by registered or certified mail, postage prepaid, or by recognized delivery service, to the appropriate addresses listed in Exhibit C or to the most recent contact information provided by the recipient (by means of notice complying with this paragraph), and such notice shall be deemed to have been given when so delivered, sent by fax or electronic mail, or mailed.
16. **INDEPENDENT CONTRACTOR.** The Parties are independent contractors and neither Party shall be deemed to be an agent or employee of the other Party. Neither Party shall have authority to make any statements, representations or commitments of any kind on behalf of the other Party, or to take any action which shall be binding on the other Party.
17. **ASSIGNMENT.** This Agreement and all rights and obligations hereunder shall not be assigned, whether through merger or consolidation, by operation of law or otherwise, without the written consent of the other Party, and any attempt to assign without such consent shall be void.
18. **MODIFICATION AND WAIVER.** No modification or waiver of any provision of this Agreement or any Exhibit shall be valid unless in writing, and executed by duly-authorized representatives of both Parties. A valid waiver of a breach of any provision of this Agreement shall not be deemed a waiver of any subsequent breach, nor shall it impair any underlying rights or remedies. A failure by one of the Parties to assert its rights hereunder shall not be deemed a waiver of such rights.
19. **SEVERABILITY.** If any provision of this Agreement is or becomes invalid, is ruled invalid by any court of competent jurisdiction, or is deemed unenforceable, it is the intention of the Parties that the remainder of this Agreement shall not be affected unless the invalid provision materially affects the rights of the Parties.
20. **COUNTERPARTS.** This Agreement may be executed in two or more counterparts, and by facsimile or electronic transmission, each of which will be deemed to be an original, but all of which together shall constitute one and the same instrument.
21. **ENTIRE AGREEMENT.** Unless otherwise specified, this Agreement and its Exhibits embody the entire understanding between Data Provider and Harvard for the Purpose, and any prior or contemporaneous representations, either oral or written, are hereby superseded.

[SIGNATURES ON FOLLOWING PAGE]

IN WITNESS WHEREOF, Data Provider and Harvard have executed this Agreement as of the date last signed below.

Sri Devraj Urs Academy of Higher Education and Research (SDUAHER)

By: 

Name: Dr MUNINAYANA.C

Title: Registrar SDUAHER

Date: 29-03-2025
Registrar

Sri Devaraj Urs Academy of Higher
Education and Research
Tamaka, Kolar - 563 103.

PRESIDENT AND FELLOWS OF HARVARD COLLEGE

By: 

Name: Michelle Cherubin Joseph

Title: Associate Director of Research Administration

Date: 26 March 2025

DUA25-0329: SDUAHER

EXHIBIT A
PURPOSE

The Global Collaborative for Changing Diabetes in Children Cohort Study seeks to expand the provision of high-value health services for Type 1 Diabetes to children and adolescents. Through collaborations with 14 countries, this cohort study program conducts research activities with leading clinicians, scientists, and researchers in the areas of: digital data systems; research; and epidemiology of diabetes.



**EXHIBIT B
DESCRIPTION OF DATA/ DATA PARAMETERS**

Countries that are part of the Global Cohort - Changing Diabetes in Children will collect data on several variables that relate to disease management of type 1 diabetes in children and adolescents in their respective countries. These countries will then share these data sets with Prof Atun and his research team at the Harvard T.H. Chan School of Public Health for analysis. The variables collected can be categorized into the following categories:

1. Patient History

- Patient Social History (demographics, socioeconomic status)
- Initial clinical assessment
- Past medical history
- Current medication

2. Clinical examination

- Lab values
- Patient Assessment
- Clinical measure
- Complication

3. Disease management

- Investigation (additional medical exams and lab tests)
- Medical therapy (i.e. treatments prescribed)

4. Disease outcome (duration of diabetes, death)

EXHIBIT C
NOTICES

DATA PROVIDER CONTACTS		HARVARD CONTACTS	
<u>Administrative Contact</u>		<u>Administrative Contact</u>	
Name: Address: Telephone: Email:	Dr. Kalyani R. Director, Research & Development cell, SDUAHER 944840275 Dr. Kalyani R. @rediffmail.com	Name: Address: Email:	Dr. Jake Figi 665 Huntington Ave Bldg 1, Fl 11 Boston, MA 02115 jfigi@hsph.harvard.edu
<u>OTHER</u>		<u>Harvard Researcher</u>	
Name: Address: Telephone: Email:	DR. SUDHA REDDY V.R. PROFESSOR & HEAD Dept. of Pediatrics SDUAHER 9980082440 dr. sudhareddy77@gmail.com	Name: Address: Email:	Rifat Atun 665 Huntington Ave Bldg 1 - 12th floor Boston, MA 02115 ratun@hsph.harvard.edu
<u>Authorized Official</u>		<u>Authorized Official</u>	
Name: Address: Telephone: Email:	Dr. MUNIN ARAYANA C Registrar SDUAHER toll 9980945876 registrar@sduaher.ac	Name: Address: Telephone: Direct Email: Office Email:	Michelle Cherubin Joseph Sponsored Programs Administration 677 Huntington Ave, Boston, MA 02115 617-432-8136 mcherubi@hsph.harvard.edu nga@hsph.harvard.edu