

**MEMORANDUM OF UNDERSTANDING**

**Between**  
**Sikkim Manipal Institute of Technology**  
**and**  
**AIESEC Kolkata**

**Sikkim Manipal Institute of Technology**, Majitar (Sikkim), India, is a leading premier institutions in the country.

**AIESEC** is youth-run, voluntary, not-for-profit international organization which is present in over 2100 Universities and 110 countries across the world.

**Sikkim Manipal Institute of Technology** and **AIESEC India** agree to implement this memorandum of understanding effective as of 1st February 2019 and valid till 31st January 2025

**Sikkim Manipal Institute of Technology** and **AIESEC India** believe that mutual collaboration will enhance and serve in the interest of both parties thus helping them in achieving a common goal of providing the students of **Sikkim Manipal Institute of Technology**, a national and international platform to explore and develop their leadership potential.

In view of this belief, **Sikkim Manipal Institute of Technology** wishes to offer the following services:

1. **AIESEC Kolkata** will provide the students of **Sikkim Manipal Institute of Technology** who are below the age of 27:
  - 1.1 Opportunities to avail **AIESEC's international internship program- Global Citizen Program** through which it offers a **global working environment** in various projects, schools or NGO's across the world. This can be an instrumental learning for the students.
  - 1.2 An **integrated learning experience** through **leadership experiences, professional learning environment, international internships & a sense of global culture.**
  - 1.3 We provide a platform to members and Exchange Participants to **build a global network** within India, through **national or regional conferences/seminars**, which are aimed to develop **future global leaders and entrepreneurs.**

1.4 AIESEC's international internships **to be encouraged alongside the students curriculum** in order to make their **graduation more fruitful and practical.**

1.5 The internship program will be carried out in accordance to the following guidelines as laid down by the Institutes authorities:

- 1.5.1 All Exchange Participants will be sent in the months of June and July during Summer and december during Winter.
- 1.5.2 Exchange Participants who wish to go for internship during any other part of the year will not be given any relief in terms of attendance or examination.
- 1.5.3 The list of all short listed students who apply for internship will be sent to the University authorities for screening, prior to finalizing their internship.

For students who have been short-listed i.e. Exchange Participants

1. AIESEC Kolkata will arrange for their Invite Letter from the other country.
2. Exchange Participants needs to pay for their both way flight tickets and visa charges. Accommodation and food is taken care of in the host country. (If otherwise, will be mentioned in the job profile)
3. No monetary support will be provided by Sikkim Manipal Institute of Technology to the Exchange Participants.
4. Country options will be provided to Exchange Participants based on AIESEC global trends and cycles.

For students who have returned from an AIESEC Internship

1. If the Exchange Participant is not a member of AIESEC Kolkata, he/ she is allowed to sit directly for the interview stage during recruitment cycles.
  2. The Exchange Participant has to give AIESEC Kolkata and Sikkim Manipal Institute of Technology a brief written/video case study about their experience.
  3. Exchange Participants will have to assist AIESEC Kolkata during the course of Information Seminars/forums/events in Sikkim Manipal Institute of Technology, in order to bring about awareness about AIESEC internships.
2. All AIESEC activities will be carried out by the independent body of AIESEC members from and working in the campus.

- 2.1 The authorities will be introduced to the AIESEC Kolkata Team Leaders (students of Sikkim Manipal Institute of Technology), who will be coordinating with AIESEC Kolkata in terms of membership, recruitment, international internships, information seminars and local forums.
- 2.2 Regular overall communication with the authorities by the Local Entity Coordinator, who also hold the topmost position in the hierarchy in the AIESEC membership of Sikkim Manipal Institute of Technology.
- 2.3 Sikkim Manipal Institute of Technology, on being informed in advance, will allow recruitment cycles for AIESEC Kolkata to take place on campus which in turn will help in the membership of the AIESEC members from Sikkim Manipal Institute of Technology.

**In return for these services, Sikkim Manipal Institute of Technology agrees to provide AIESEC's Kolkata chapter, the following features:**

1. Sikkim Manipal Institute of Technology fully welcomes AIESEC India to operate in the university campus with the following support:
  - 1.1 **Permission to promote all AIESEC activities** in all relevant departments of the Institute and **hold seminars and events** on various issues that can be fruitful to students of **Sikkim Manipal Institute of Technology**. These activities are held in accordance to the Institute calendar and prior information is given to the authorities before such an activity, also seeking consultancy on the same.
  - 1.2 Promotion of AIESEC on Institute magazine in terms of
    - AIESEC Kolkata advertisement & activities in the Institute of AIESEC, with the impact created.
    - Recruitment of members for the local chapter
    - Promotion of International Internships
    - Upcoming Events
    - Monthly event updates about AIESEC
2. Sikkim Manipal Institute of Technology shall support AIESEC Kolkata's activities by providing the **logistical support whenever needed**. These might include for example:
  - 2.1 A multi-media projector.
  - 2.2 Venue to conduct Group Discussions, Team Activities and Personal Interviews during the course of recruitment.

- 2.3 Use of photocopy/printing machines to prepare materials for promotion of AIESEC events, or to prepare handouts for AIESEC's International Training Programs.
3. Incentives to its students to avail the various opportunities that they may get from AIESEC. These incentives may include:
- 3.1 A leave **for AIESEC Kolkata members** attending an AIESEC regional, national or international seminar through the course of the academic year. **An official letter stating the purpose of the leave of the AIESEC member will be send from AIESEC Kolkata on request.**
- 3.2 A leave of **maximum 7 consolidated days for AIESEC Exchange Participants**, so as to assure completion of internship duration allotted to them..
- 3.3 Co-operation from Sikkim Manipal Institute of Technology, to the extent possible, for the **various documents instrumental to their VISA application process** if required.
- 



Prof (Dr.) Ashis Sharma  
Director  
Sikkim Manipal Institute of Technology  
Majitar, Rangpo-737136  
East Sikkim



FOR

**AIESEC**   
AIESEC in Kolkata / India

Dated 25.10.2019

# Memorandum of Understanding

MAINSTAGE INCUBATOR UG (haftungsbeschränkt)  
&  
AIC-SMU Technology Business Incubation Foundation



MAINSTAGE  
INCUBATOR



AIC SMUTBI  
SIKKIM MANIPAL UNIVERSITY



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This Memorandum of Understanding (hereinafter referred to as the "MOU") is entered into on 22nd November 2019 by and between:

**MAINSTAGE INCUBATOR UG (haftungsbeschränkt)**, a company, registered with its official address at Taunusanlage 8, 60329 Frankfurt am Main, Germany under the German law and high court of Frankfurt am Main.

and

**AIC-SMU Technology Business Incubation Foundation, also for this agreement known as AIC-SMU**, registered under the SMIT Campus, F-Block, Level-V, Majitar, Rangpo, Sikkim 737136.

**Permanent Account Number:** AARCA2955N

**Company Identification Number:** U80900KA2018NPL116140

MAINSTAGE INCUBATOR and AIC-SMU may also hereinafter be referred to individually as "Authority" and collectively as "Authorities".

#### **WHEREAS,**

- a) MAINSTAGE INCUBATOR is an incubator/launchpad for international start-ups to gain access into the German Market and then expand into the European market. MAINSTAGE INCUBATOR will help start-ups with Workshops, Events, Fundraising Sessions, Sales-as-a-Service and all other formalities to ensure that the Start-ups have a successful "Scale-Up" operation in place.
- b) AIC-SMUTBI is an incubator located at Sikkim, India and supported by AIM, NITI Aayog, Govt of India which is also a Section 8 company, to facilitate early stage start-ups in the North East Indian States. The incubator incubates and nurtures early-stage entrepreneurial ventures based on Technology and Innovation by providing infrastructure, consultancy, and seed grants to promising young entrepreneurs to pursue their dreams of starting their own enterprise. It has persistently encouraged young entrepreneurs to hone their skills in generating Values Human Resources rather than the traditional Man power that feeds the needs of the industry.
- c) The Authorities wish to harness and enhance collaborative initiatives within the limits of their possibilities and available resources.

Now therefore, the Parties have reached the following understandings

#### **1. Definitions**

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

"Authority" means the AIC-SMU or MAINSTAGE INCUBATOR; and collectively, shall be referred to as "the Authorities";



“Start-up” stands for enterprises 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.

“MoU” means this agreement between the AIC-SMU and MAINSTAGE INCUBATOR signed on 25.10.2019.

## **2. Background**

- 2.1. MAINSTAGE INCUBATOR is an incubator/launchpad for international start-ups to gain access into the German Market and then expand into the European market. MAINSTAGE INCUBATOR will help start-ups with Workshops, Events, Fundraising Sessions, Sales-as-a-Service and all other formalities to ensure that the Start-ups have a successful “Scale-Up” operation in place.
- 2.2. AIC-SMUTBI is an incubator located at Sikkim, India and supported by AIM, NITI Aayog, Govt of India which is also a Section 8 company, to facilitate early stage start-ups in the North East Indian States. The incubator incubates and nurtures early-stage entrepreneurial ventures based on Technology and Innovation by providing infrastructure, consultancy, and seed grants to promising young entrepreneurs to pursue their dreams of starting their own enterprise. It has persistently encouraged young entrepreneurs to hone their skills in generating Values Human Resources rather than the traditional Man power that feeds the needs of the industry.

## **3. Purpose**

- 3.1. The purpose of this MoU is to provide a framework for co-operation between the Authorities to promote innovation in their respective markets.

## **4. Principles**

- 4.1. The Authorities intend to provide the fullest possible mutual assistance to one another within the terms of this MoU. This MoU operates subject to the domestic laws and regulations of each Authority and does not modify or supersede any laws or regulatory requirements in force in, or applying to, India or Germany. This MoU sets forth a statement of intent and accordingly does not create any enforceable rights and is not legally binding. Nothing herein shall be construed as creating, legal rights or obligations upon the Authorities. To the extent that any provision of this MoU is inconsistent with this paragraph, the provision of this paragraph shall prevail.

## **5. Scope of Co-operation**

- 5.1. The Authorities will endeavour, to the extent possible, to support and cooperate with each other to
  - (a) Facilitate and support delegation visits to Germany and India.
  - (b) Setting up of Launchpad for respective start-ups in both Sikkim (India) and German markets.
  - (c) Provide industry connect to respective start-ups in Germany and India.





- (d) Provide investor connect and investment support to respective start-ups in Germany and India.
- (e) Provide the infrastructure support for conducting events and meetups
- (f) Provide the option to register an entity (branch) in Germany and Europe.
- (g) Provide the option to expand co-operation from Germany to other European countries.

- 5.1.1. Conduct Education programs, Knowledge exchange programs, workshops and curricula relating to start-ups in their respective jurisdictions. This may include facilitating and enhancing cooperation between relevant parties such as technological institutions, universities/research institutions, technology experts, and government agencies;
- 5.1.2. Support start-ups from Sikkim in setting up an office in Germany (or Europe) (Additional Service Charge)
- 5.1.3. Support the branding activities through the respective social media promotions.

## **6. Confidentiality & Permissible Uses**

- 6.1. Any information disclosed by one Authority to the other Authority pursuant to paragraphs 5 should be treated by the other Authority as confidential information if it is marked accordingly or appears as confidential to a reasonable person ("Confidential Information").
- 6.2. An Authority should use any information, including Confidential Information, disclosed to it by the other Authority only for the purposes for which the information was disclosed, unless consent is obtained for other uses.
- 6.3. If either Authority is required to disclose any Confidential Information provided to it by the other Authority pursuant to a requirement of law, such Authority should, to the extent possible, notify the other Authority 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.

## **7. Term**

- 7.1. This MoU takes effect from the date first written above and will continue to have effect for a three-year term until 25.10.2019.
- 7.2. The Authorities may review the operation of this MoU and may amend its terms as required at any time upon the mutual consent of both Authorities by means of a written instrument.
- 7.3. Either Authority may seek to terminate this MOU by serving thirty (60) days written notice to the other Authority.
- 7.4. In the event of the termination of this MoU, Confidential Information obtained under this MoU will continue to be treated in the manner set out under paragraph 6 for three years following the termination of this MoU.



## 8. Authority-wide Contact Details

- 8.1. The primary points of contact for carrying out the provisions of this MOU are as follows:

AIC-SMUTBI Foundation, (Tejbanta S. Chingtham)

Email: ceo@smutbi.com

- 8.1.1. MAINSTAGE INCUBATOR UG, (Swen Wegner)  
Taunusanlage 8, 60329 Frankfurt am Main, Germany

Email: swen.wegner@mainstage-incubator.com

- 8.2. Each Authority may from time to time change its respective point of contact and inform the other Authority accordingly in writing.

## 9. Entire Understanding

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

Executed by the Authorities in two equally authentic original copies, both in English, on the day and year first above written:

**For MAINSTAGE INCUBATOR**

**AIC-SMU Technology Business Incubation**

**Swen-Rageev Felix Wegner**

**Tejbanta S. Chingtham, PhD**

*Swen Wegner*

*Tejbanta S. Chingtham*

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Chief Executive Officer  
Mainstage Incubator UG  
(haftungsbeschränkt)

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Chief Executive Officer  
AIC-SMU Technology Business Incubation  
Foundation  
Sikkim.  
India

Date: 25.10.2019

Date: 25.10.2019





**SMIT** SIKKIM  
MANIPAL  
UNIVERSITY  
SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY


**General agreement for cooperation  
between  
Firma POLKOWSKI, CompExpert, Polkowice, Poland  
and  
Sikkim Manipal Institute of Technology, Majhitar, Sikkim, India**

Firma POLKOWSKI, CompExpert, Dabrowskiego 2, 59-100 Polkowice, Poland represented by Dr. Zdzislaw Polkowski, Director of Firma POLKOWSKI, CompExpert and Sikkim Manipal Institute of Technology, India represented by Prof. Dr. Asish Sharma, Director of Sikkim Manipal Institute of Technology hereinafter jointly referred to as Parties, and individually – Party, establish this General Agreement to foster international cooperation in Industrial Traineeship.

1. Both parties agree to mutually encourage and promote international cooperation in Industrial Training of Engineering, Technology and Business students.
2. This General Agreement shall be applicable to both the parties
3. This Agreement constitutes the entire agreement between the parties, and all prior discussions, agreements, and understandings, whether verbal or in writing, is merged in this agreement.
4. This Agreement is not considered to be a contract creating legal and/or financial relationship between the parties. Rather, it is designed to facilitate and develop a genuine and mutually beneficial Industrial Training exchange process-research relationship.
5. To carry out concrete programs, the parties will draft other agreements as supplements to the present Agreement specifying financial and juridical responsibilities.
6. This General Agreement shall become effective as on the date of signatures of both parties. The Agreement may be amended by the written consent of the parties.
7. This Agreement is in force for Two years. The Agreement may be extended for additional Two-years' period upon the written consent of both parties. In such case this Agreement should be reviewed to evaluate the progress and the quality of the mutual cooperation. If the Agreement is not renewed by mutual consent, the Agreement will conclude at the end of the specified time period, or after activities in progress have concluded.

8. This Agreement may be terminated by either party with a minimum of 120 days written notice. Activities in progress at the time of termination of this Agreement shall be permitted to conclude as planned unless otherwise agreed.
9. Each party shall designate a person or office to serve as liaison for implementing this Agreement. For **Firma POLKOWSKI, CompExpert**, the contact will be Dr. Zdzislaw Polkowski (tel. +48 512 084 372, e-mail: z.polkowski@polkowski.com.pl). For **SIKKIM Manipal Institute of Technology**, the contact will be Prof. Dr. Samarjeet Borah, (TEL. +918900399556, E-MAIL: samarjeet.b@smit.smu.edu.in).
1. This MoU will not have any financial obligations to both the partner institutions.

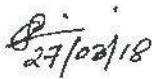

  
  
 dr inż. Zdzisław Polkowski  
 właściciel  
 ☎ 76 742 83 56 tel. kom. 512 084 372  
 ✉ z.polkowski@polkowski.com.pl  
 Dr. Zdzislaw Polkowski  
 Director  
 Firma POLKOWSKI,  
 ComExpert

  
 Director  
 Sikkim Manipal Institute of Technology  
 Director  
 Gangtok, Rangpo-737132 (Sikkim)  
 Sikkim Manipal Institute of Technology  
 Majhitar, Sikkim, India

Date: 27.03.2018

Date: 27/3/18

Witness:

1. Lavatona Lavrapadi  27/03/18
2. Samarjeet Borah  27/03/2018



**SMIT** SIKKIM  
MANIPAL  
UNIVERSITY  
SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY



**Uczelnia  
Jana  
Wyżykowskiego**

**Memorandum of Understanding**  
**Between**  
**Sikkim Manipal Institute of Technology, Sikkim, India**  
**AND**  
**Jan Wyżykowski University, Poland**

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**PREAMBLE:** Jan Wyżykowski University, Poland and Sikkim Manipal Institute of Technology (SMIT), Sikkim, India agrees to the following protocols governing their collaboration on academic and research related activities.

**1. SCOPE OF THE MOU**

1.1 Each institution may offer opportunities to the other for activities and programs, such as speeches, research, and internship of students, exchange of faculties and staff development that will foster a collaborative relationship. This MoU will be treated valid for all activities in the various scientific areas available in both the organizations.

1.2 *Specific Activities:* Specific activities and programs implemented under the authority of this MoU and as decided from time to time on the topics of mutual interest of different departments of Jan Wyżykowski University and SMIT shall be subject to availability of funds of the parent institution and the approval of each institution's authorized representative. The institutions contemplate implementation of programs or activities such as: (a) collaborative educational and research activities; (b) short term exchange of faculty, staff members and students for research, lectures and discussions; (c) accepting students from the other institution for internship programs and (d) jointly organized events such as seminars, conferences, short-term academic/training programs.

2. The activities under the linkage as described below for the collaborations, which form the schedule to this memorandum of understanding. The schedule may be amended by mutual consents and such amendment will be part of this MOU.

3. Researchers of the participating institutions (JAN WYŻYKOWSKI UNIVERSITY and SMIT) will submit collaborative research projects to various national and international funding agencies in the area of mutual interest and expertise.
4. The faculty members of the each of the institute may be invited for a short visit at the other institution. The cost of travel will have to be arranged by the faculty/parent organisation and the accommodation, food and local transport (except air tickets) of the visiting faculty will be supported by the host institute based on the funds available.
5. Both the partner institutes will accept students for internship from the other partner institute for one to four months duration duly forwarded by the respective international offices. The travel, accommodation, insurance and other not specified charges during this internship program will be borne by the student. The host university will also provide non-financial assistance to the students in obtaining their visas.
6. Both the partner institute will jointly organize national and international conferences/seminars/workshops and assisting the researchers from the other organisation in publishing their research papers under reputed publishing houses such as Springer, IGI Global etc.
7. In case of any joint research findings, patents, projects and all other intellectual property rights shall be owned jointly by JAN WYŻYKOWSKI UNIVERSITY and SMIT.
8. The expenditure involved in securing and maintaining the intellectual property rights resulting from the collaborations between JAN WYŻYKOWSKI UNIVERSITY and SMIT will be shared proportionately based on their intellectual material and financial contributions.
9. Each party shall designate officials or offices to serve as liaison for implementing this Agreement. For JAN WYŻYKOWSKI UNIVERSITY and the contact will be Dr. Zdzislaw Polkowski (tel. +48 512 084 372, e-mail: [z.polkowski@polkowski.com.pl](mailto:z.polkowski@polkowski.com.pl)). For Sikkim Manipal Institute of Technology, the contact will be Prof. Dr. Samarjeet Borah, (tel. +918900399556, e-mail: [samarjeet.b@smit.smu.edu.in](mailto:samarjeet.b@smit.smu.edu.in)) and Dr. Santonu Savapondit (tel. +919933046471 e-mail: [santonu.s@smit.smu.edu.in](mailto:santonu.s@smit.smu.edu.in)).

#### **10. EFFECTIVE DATE, DURATION, TERMINATION OF THE AGREEMENT:**

- 10.1. The agreement shall be effective from the date of signing and shall recur in force for a period of 3 years from said date.
- 10.2. The agreement shall be deemed to expire on completion of the period as in provision unless extended by both the institutions.
- 10.3. This Memorandum of Understanding shall be valid for a period of 3 years from the date of signing and shall be extended, shortened or amended by mutual consent. For withdrawal from this agreement, a given party shall provide a six months written notice. In any event students and faculty already within programs shall be allowed to complete their particular ongoing programs.

10.4. In the event of termination of the agreement the right and the obligations of the parties thereto shall be settled by mutual discussion.

10.5. The agreement arrived at between the parties for utilization of intellectual property shall survive the termination of the agreement.

11 This MoU will not have any financial obligations to both the partner institutions.

## 12. ARBRITATION:

The partners agree that this MoU is on the basis of goodwill and shall not be legally bounded. In the event of any dispute or differences between the parties arising out of or in connection with this agreement, such dispute or differences shall be mutually referred to the sole arbitration of the heads of both the institutions. The heads of the institutions shall endeavour to resolve such controversy or dispute by mutual discussions and in good faith.

**R E K T O R**

*dr Włodzisław Olszewski*

Signed \_\_\_\_\_

Jan Wyżykowski University, Poland

**UCZELNIA JANA WYŻYKOWSKIEGO**  
ul. Skalników 6 b; 59-101 Polkowice  
tel. (76) 746 53 53; NIP 692-23-02-020  
ujw@ujw.pl

Signed \_\_\_\_\_

*[Signature]*  
13/18  
Sikkim Manipal Institute of Technology  
Majitar, Rangpo - 737132 (Sikkim)

Director, Sikkim Manipal Institute of  
Technology, India

Witnesses

1.

*Dr. Edyta Polowinski*

2.

*Guzelma Sawmska*

Witnesses

1.

*Dr. Samarjeet Borah*

2.

*Dr. Basanta Sarapandi*



## MEMORANDUM OF UNDERSTANDING

Between

College of Electrical Engineering and Computer Science (EECS)  
National Taipei University of Technology (Taipei Tech)

And

Sikkim Manipal Institute of Technology (SMIT)  
Sikkim Manipal University (SMU)

In order to promote cooperation and the advancement of academic and educational exchanges between College of Electrical Engineering and Computer Science, National Taipei University of Technology and Sikkim Manipal Institute of Technology, Sikkim Manipal University, the two institutions agree the following terms:

Within fields and terms that are mutually acceptable, the following general forms of cooperation will be pursued:

- Exchange of students
- Exchange of faculty, researchers, and staff
- Joint research activities
- Exchange of academic materials, publications, and information
- Special short-term academic programs

The terms of cooperation for each specific activity implemented under this Agreement of Cooperation shall be mutually discussed and agreed upon in writing by both parties prior to the initiation of that activity. Any such agreements entered into, as outlined above, liaison officer to develop and coordinate the specific activities agreed upon.

This Agreement becomes effective on the date of signature. Unless an earlier termination is mutually agreed upon, it is valid for five years with the understanding that either party may terminate the Agreement with a notice given six months in advance. Revisions or modifications maybe proposed at any time, effective from the date of written agreement signed by both parties.

Dr. Yuh-Shyan Hwang, Dean  
College of Electrical Engineering and Computer Science  
National Taipei University of Technology

Date: 21 June, 2018

Dr. Ashis Sharma, Director  
Sikkim Manipal Institute of Technology  
Sikkim Manipal University  
Director  
Institute of Technology  
Rangpo - 737136

Date: 21 June 18





UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA



**SMU** SIKKIM  
MANIPAL  
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
THE UNIVERSITY OF PADOVA  
AND  
SIKKIM MANIPAL UNIVERSITY**

The University of Padova, with legal address in via VIII Febbraio n. 2, Padova, Italy, represented by its Rector Prof. Rosario Rizzuto, and Sikkim Manipal University, with legal address in 5<sup>th</sup> Mile, Tadong, Gangtok, East Sikkim, Sikkim, India, represented by its Registrar Prof(Dr) Karma Sonam Sherpa, agree to establish this Memorandum of Understanding according to the following terms:

**Article I: Purpose**

The purpose of this Memorandum is the joint academic cooperation through one or more of the following activities:

- scientific research
- educational activities in subjects of common interest;
- mobility of academic staff and researchers;
- mobility of students and doctoral candidates for academic activities to be recognized through a procedure jointly agreed by the Parties;
- exchange of information and bibliographic materials, sharing of know-how about high complex technical-scientific sets, higher education extension activities, included the mobility of technical, administrative and librarian staff connected to these goals;
- participation in seminars and academic meetings.

**Article II: Implementation**

Should the implementation of the previous article require an agreement between the Parties or the provision of financial resources, the Parties shall develop specific projects and working plans to be formalized in appropriate Addenda connected to this Memorandum. These Addenda shall specify the funds necessary for the implementation of the foreseen activities.

The Addenda specified in this Article shall respect the following minimum requirements:

- goals to achieve;
- identification and description of the activities to implement;
- timetable and implementation stages;
- identification of available funds and foreseen costs;
- plan for the use of the financial resources.

MoU

  
14/11/18  
REGISTRAR  
SIKKIM MANIPAL UNIVERSITY  
5TH MILE, TADONG  
SIKKIM 737102



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA



**SMU** SIKKIM  
MANIPAL  
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

#### Article III: Selection criteria

Participants in the activities foreseen in this Memorandum will be selected on the basis of merit without regard to race, national or ethnic origin, colour, religion, age, gender, marital status, physical disabilities, or sexual orientation. Each Party shall accept the participants selected by the other Party if mutually acceptable academic and/or professional qualifications and standards are met.

#### Article IV: Coordination and monitoring

In order to coordinate and monitor the jointly agreed activities, each University shall appoint its own representative. The University of Padova appoints Prof. Paolo Maria Scrimin, Full Professor at the Department of Chemical Sciences and Sikkim Manipal University appoints Dr. Santonu Savapondit, Head, International Collaboration Cell (Technical Campus) for this purpose. The two persons appointed shall periodically monitor the outcomes of this Memorandum.

#### Article V: Intellectual property

The intellectual property rights arising from the activities realized in the framework of this Memorandum belong to both Parties. Publications shall mention this origin. For the activities which might produce outcomes with economic effects, the Parties shall jointly arrange the property rights and their protection according to their own rules.

#### Article VI: Resolution of disputes

The Parties shall commit themselves to solving any dispute connected to the interpretation or implementation of this Memorandum through negotiation. When a jointly agreed solution cannot be achieved, the disputes shall be submitted to the unappealable decision of an ad hoc Arbitration panel composed by three members. Each Party shall appoint one member. The two appointed members shall jointly appoint the third member with the role of chairperson.

#### Article VII: Coming into force and term

This Memorandum shall be effective as of the latest signature date below and shall remain in force for a period of five (5) years following this date, unless written notice is given by either Party. The notice shall take effect three months after the date of notification to the other Party. Nevertheless, the activities in progress in the framework of this Memorandum shall not be compromised by the notice and shall be normally concluded.

This Memorandum is drafted in two versions, in Italian and in English, both versions being legally binding. Each Party shall keep one original copy in each of the two versions.

Prof. Rosario Rizzuto

Rector of the University of Padova

Date: 20/12/2018



Prof(Dr) Karma Sonam Sherpa

Registrar, Sikkim Manipal University

Date: 14/11/18

REGISTRAR  
SIKKIM MANIPAL UNIVERSITY  
5TH MILE, TADONG  
SIKKIM- 737102

6227 05.09.2017

## Memorandum of Understanding

Between

“AUREL VLAICU” University of Arad, Romania

AND

Sikkim Manipal Institute of Technology, Sikkim, India

**PREAMBLE** Aurel Vlaicu University of Arad, Romania and Sikkim Manipal Institute of Technology, Sikkim, India agrees to the following protocols governing their collaboration on academic and research related activities.

### 1. SCOPE OF THE MOU

- 1.1 Each institution may offer opportunities to the other for activities and programs, such as teaching, research, and Study abroad program of students, exchange of faculties and students, and staff development that will foster a collaborative relationship.
- 1.2 Specific Activities: Specific activities and programs implemented under the authority of this MoU and as decided from time to time on the topics of mutual interest of different departments of Aurel Vlaicu University of Arad and SMIT shall be subject to availability of funds and the approval of each institution's authorized representatives. The institutions contemplate implementation of programs or activities such as: (a) collaborative educational and research activities; (b) academic interactions leading to reform in curriculum; (c) exchange of faculty members and advanced graduate and postgraduate and PhD students for research, lectures, and discussions; (d) accepting students from the other institution for study abroad program; (e) Joint guidance in projects/thesis; (f) participation in seminars and academic meetings; (g) accessibility to sophisticated instruments; (h) exchange of academic materials, sharing e-resources, publications and other information; and (i) special, short-term academic/training programs.
- 1.3 *Separate Agreements*: Prior to initiating any specific activity or program, the parties will negotiate and enter into a separate agreement, signed by each party's authorized signatories, describing the terms of arrangement, including budgets. Each party will designate a Nodal Officer to develop and coordinate specific activities or programs.



*B. Sanyal*

2. The activities under the linkage as described below for the collaborations, which form the schedule to this memorandum of understanding. The schedule may be amended by mutual consents and such amendment will be part of this MOU.
3. Each institution will provide support to the students for study abroad program by allowing students from other institution to join in the respective courses, duly forwarded by the parent institution to pursue their study for six month/one year. For this purpose the host institution will offer a concession of its course fee to students of the other institution as fits suitable to both the institutions. The travel, accommodation and other required charges during this study abroad program will be borne by the student. The host university will also provide non-financial assistance to the students for obtaining their visas.
4. Researchers of the participating institutions (AUREL VLAICU UNIVERSITY OF ARAD and SMIT) will submit collaborative research projects to various national and international funding agencies in the area of mutual interest and expertise.
5. The laboratory and library facilities of one institute will be made available free of cost to the research scholars and faculty members of the other institution during mutually agreed suitable times. In this case the travel and the local hospitality charges will be borne by the user institute preferably from the project fund if any or from any other fund considered appropriate by the respective institute.
6. The faculty members of the each of the institute may be invited as visiting faculty/adjunct faculty to teach part of the courses at the other institution without prejudice of their work and responsibility at their parent institution. Cost involved in this regard will be borne by the host institute.
7. Both the participating institute will jointly organize national and international conferences/seminars/workshops.
8. In case of any joint research findings, patents, projects and all other intellectual property rights shall be owned jointly by AUREL VLAICU UNIVERSITY OF ARAD and SMIT.
9. The expenditure involved in securing and maintaining the intellectual property rights resulting from the collaborations between AUREL VLAICU UNIVERSITY OF ARAD and SMIT will be shared proportionately based on their intellectual material and financial contributions.

**10. EFFECTIVE DATE, DURATION, TERMINATION OF THE AGREEMENT:**

- 10.1. The agreement shall be effective from the date of signing and shall recur in force for a period of 5 years from said date.
- 10.2. The agreement shall be deemed to expire on completion of the period as in provision unless extended by both the institutions.
- 10.3. This Memorandum of Understanding shall be valid for a period of five (5) years from the date of signing and shall be extended, shortened or amended by mutual consent. For withdrawal from this agreement, a given party shall provide a six (6) month written notice. In any event students



*Handwritten signature*

and faculty already within programs shall be allowed to complete their particular ongoing programs.

10.4. In the event of termination of the agreement the right and the obligations of the parties thereto shall be settled by mutual discussion.

10.5. The agreement arrived at between the parties for utilization of intellectual property shall survive the termination of agreement.

11. Any article in the MOU can be modified or amended by mutual consent and agreement between both the institutions.

## 12. ARBRITATION:

The partners agree that this MoU is on the basis of goodwill and shall not be legally bounded. In the event of any dispute or differences between the parties arising out of or in connection with this agreement, such dispute or differences shall be mutually referred to the sole arbitration of heads of both the institutions. The heads of the institutions shall endeavour to resolve such controversy or dispute by mutual discussions and in good faith.



RECTOR,  
AUREL VLAICU University of Arad, Romania



Signed

*[Signature]*  
09 Sep 17  
Prof. Dr. Director, SMIT, India  
Director  
Sikkim Manipal Institute of Technology  
Majitar, Rangpo - 737136  
East Sikkim

DIRECTOR, SMIT, SIKKIM, INDIA

Witnesses from AUREL VLAICU University of Arad,  
Romania.

1. Prof.dr. ing. Valentina Emilia Balas

*[Signature]*  
9/9/17

Witnesses from SMIT, Sikkim, India

1. Col. (Dr.) S. T. Veetil, Joint

Director, SMIT, India

2. Dr. S. Savapondit, Head ICC,

SMIT, India.

Memorandum of Understanding

Between

**Baekseok University (BU), Republic of Korea**

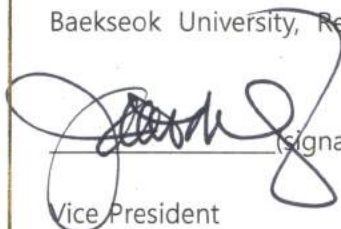
And

**Sikkim Manipal Institute of Technology (SMIT), India**

1. In order to promote international education and understanding, BU and SMIT agree to explore future co-operation and collaboration. The aim of shared and joint activity is to maximize opportunities for students while being able to demonstrate adherence throughout to recognized standards of qualified assurance.
2. Contents of the Collaboration Program  
BU and SMIT agree specially to promote:
  - (1) Exchange of students and faculty
  - (2) Exchange of academic and educational information
  - (3) Study abroad program
  - (4) Collaborative Research and Publications
3. This agreement shall become the foundation to a Memorandum of Understanding after due diligence by the two parties by affixing the signatures where necessary by the relevant authorities.
4. This document is statement of understanding and is not intended to create binding or legal obligations on either party.

Signed on behalf of

Baekseok University, Republic of Korea

  
(signature)


Vice President

Date:

7/2/17

Signed on behalf of

Sikkim Manipal Institute of Technology, India

  
(signature)

Director

Date:

30 OCT 2017.



IAESTE India

05/04/2016

10. The **placement fee** of the accepted outgoing members of the Co-operating Institution shall also be paid directly to the **National Committee** (as per the amount decided by the NC).
11. **The Student body of the Co-operating Institution shall assist and accommodate the Incoming Interns** coming to the Co-operating Institution. The cost for the same shall also be borne by the Co-operating institution.
12. In this special case, wherein, if the personal funds to financially support the accommodation of interns for the first year is exhausted, the NC will **lend** additional funds to the **Co-operating Institution to cover accommodation costs** for the incoming interns. This fund shall be repaid to the National Committee by the **Co-operating Institution** at the earliest ( maximum time period of two years to repay this amount)
13. The **Stipend for these Incoming interns of Co-operating Institution Sikkim Manipal University** shall be **paid by the National Committee** (as per the amount decided by the NC).
14. On becoming a Probationary Local Committee, the payment of Application Fee (Rs 24,000/-)& Annual Subscription fee (Rs 25,000/-) has to be **paid to the National Committee by Co-operating Institution Sikkim Manipal University**. Under the **special circumstances**, if Co-operating Institution Sikkim Manipal University is **not in a position** to pay this amount, the National Committee will provide a **grace period of Two years** to CI Sikkim Manipal University to make this **full payment**.
15. CI SMU shall have no representation in the NC or the AB **until it becomes a full time Local Committee of IAESTE India**.
16. CI SMU **must attend all the training sessions** organised by the National Committee.
17. CI SMU shall **have no voting rights** in the National Committee or the Advisory Board.

President,  
IAESTE India

[Dr. Karunakar A. Kotegar]

Witness

  
6-05-2016

Col (Dr) Sadasivan Thekky Veetil (Retd)



Col(Dr) A Garg  
Director, SMIT

Director  
Sikkim Manipal Institute of Technology  
Majitar - Rangpo -737136

IAESTE India

1st floor, Academic Block 4, Manipal Institute of Technology,  
Manipal, Karnataka, India- 576104  
Tel: +91-8202925040

05/04/2016

**Memorandum of Understanding between CISMU & IAESTE India**

1. Sikkim Manipal University will form an association with the National Body, IAESTE India in the form a **'Co-operating Institution'**.
2. Sikkim Manipal University, hereby referred to as **'Co-operating Institution'** or **'CI'** shall be under the purview of **IAESTE India**, hereby referred to as the **'National Committee'** or **'NC'**.
3. Sikkim Manipal University shall remain as a Co-operating Institution, for a **minimum of one successful exchange year**(having sent and received students). After proper scrutiny by the National Committee on the quality of work at the CI and their ability to work as a part of IAESTE, its request to become a probationary LC will be forwarded to the Advisory Board which shall upgrade its status to a probationary LC if deemed suitable.
4. CI SMU will remain a probationary Local Committee for **two successful exchange years** before it can become a **full time Local Committee, subject to the decision of the National Committee**.
5. The Co-operating Institution shall have student members working to help setup and run the Student Body.
6. As a Co-operating Institution, Sikkim Manipal University **will not have to pay** the Application fee of Rs 24,000/- and Annual Subscription fee of Rs 25,000/- until they become a Probationary LC, after which they will be required to pay the full amount of Application & Annual Subscription Fee.
7. All the members enrolled under the Co-operating Institution, shall **pay their membership fee directly to the National Committee** (as per the amount decided by the National Committee).
8. The offers generated by the Co-operating Institution shall be **exchanged by National Committee** on behalf of the Co-operating Institution in the Annual General Conference.
9. The offers exchanged for the generated offers shall be forwarded to the Co-operating Institution by IAESTE India. Members of the Co-operating Institution shall be **eligible to apply for the exchanged offers**.

President,  
IAESTE India

[Dr. Karunakar A. Kotegar]

Witness

Col (Dr) Sadasivan Thekky Veetil (Retd)

*Sadasivan Thekky Veetil*  
6-05-2016



Col(Dr) A Garg  
Director, SMIT

Director  
Sikkim Manipal Institute of Technology  
Majitar - Rangpo -737136

**IAESTE India**

1st floor, Academic Block 4, Manipal Institute of Technology,  
Manipal, Karnataka, India- 576104  
Tel: +91-8202925040





**SMIT** SIKKIM  
MANIPAL  
UNIVERSITY  
SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY



**Memorandum of Understanding  
Between  
Sikkim Manipal Institute of Technology  
AND  
Annamacharya Institute of Technology and Sciences  
Newboyanapalli, Rajampet**

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**PREAMBLE:** Sikkim Manipal Institute of Technology (SMIT), Majhitar, Sikkim, India and Annamacharya Institute of Technology and Sciences (AITS), Rajampet, Andhra Pradesh, India agree to the following protocols governing their collaborations on academic and research related activities.

**1. SCOPE OF THE MOU**

- 1.1 Each institution may offer opportunities to the other for activities and programs, such as research, internship of students, exchange of faculties and staff development that will foster a collaborative relationship. This MoU will be treated valid for all activities in the various scientific areas available in both the organizations.
- 1.2 *Specific Activities:* Specific activities and programs implemented under the authority of this MoU and as decided from time to time on the topics of mutual interest of different departments of SMIT and AITS shall be subject to availability of funds of the parent institution and the approval of each institution's authorized representative. The institutions contemplate implementation of programs or activities such as: (a) collaborative educational and research activities; (b) short term exchange of faculty, staff members and students for research, lectures and discussions; (c) accepting students from the other institution for internship programs and (d) jointly organized events such as seminars, conferences, short-term academic/training programs.
2. The activities under the linkage as described below for the collaborations, which form the schedule to this memorandum of understanding. The schedule may be amended by mutual consents and such amendment will be part of this MOU.

3. Researchers of the participating institutions (SMIT and AITS) will submit collaborative research projects to various national and international funding agencies in the area of mutual interest and expertise.
4. The faculty members of the each of the institute may be invited for a short visit at the other institution. The cost of travel will have to be arranged by the faculty/parent organisation and the accommodation, food and local transport (except air tickets) of the visiting faculty will be supported by the host institute based on the funds available.
5. Both the partner institutes will accept students for internship from the other partner institute for one to four months duration duly forwarded by the respective institutes. The travel, accommodation, insurance and other not specified charges during this internship program will be borne by the student.
6. Both the partner institute will jointly organize national and international conferences/seminars/workshops.
7. In case of any joint research findings, patents, projects and all other intellectual property rights shall be owned jointly by SMIT and AITS.
8. The expenditure involved in securing and maintaining the intellectual property rights resulting from the collaborations between SMIT and AITS will be shared proportionately based on their intellectual material and financial contributions.
9. Each party shall designate officials or offices to serve as liaison for implementing this Agreement. For AITS the contact will be **Dr. SMV NARAYANA**. For SMIT the contact will be **Dr. SANTONU SAVAPONDIT** and **Mr. M. PAJANY**.

**10. EFFECTIVE DATE, DURATION, TERMINATION OF THE AGREEMENT:**

- 10.1. The agreement shall be effective from the date of signing and shall recur in force for a period of 3 years from said date.
- 10.2. The agreement shall be deemed to expire on completion of the period as in provision unless extended by both the institutions.
- 10.3. This Memorandum of Understanding shall be valid for a period of 3 years from the date of signing and shall be extended, shortened or amended by mutual consent. For withdrawal from this agreement, a given party shall provide a six months written notice. In any event students and faculty already within programs shall be allowed to complete their particular ongoing programs.
- 10.4. In the event of termination of the agreement the right and the obligations of the parties thereto shall be settled by mutual discussion.
- 10.5. The agreement arrived at between the parties for utilization of intellectual property shall survive the termination of the agreement.

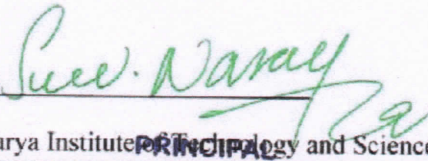


11. This MoU will not have any **financial obligations to both the partner institutions.**

12. **ARBRITATION:**

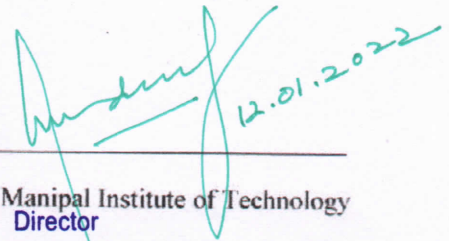
All disputes and/or differences between the Parties, arising out of / or relating to this MOU, shall first be attempted to be amicably resolved by the heads of both the institutes. On failure to reach an amicable resolution, the dispute shall be referred to a sole arbitrator jointly appointed by the Parties. The arbitration proceedings shall be governed by the provisions of Arbitration and Conciliation Act, 1996 and the jurisdiction for the same shall be within the state of Sikkim.

Signed



Principal  
Annamacharya Institute of Technology and Sciences  
**ANNAMACHARYA INSTITUTE OF  
TECHNOLOGY & SCIENCES  
NEW BOYANAPALLI-516 126  
RAJAMPET, Kadapa Dist. A.P**

Signed



Sikkim Manipal Institute of Technology  
Director  
Sikkim Manipal Institute of Technology  
Majitar, Rangpo  
East Sikkim- 737136

**Witnesses**

1. **Dr. K Boopalan**  
Associate Professor  
Dept. of CSE  
AITS, Rajampet

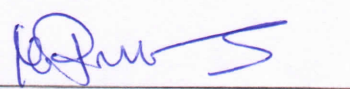
2. **Dr. K Prasanna**  
Head, Dept. of CSE  
AITS, Rajampet

3. **Mr. M. PAJANY**  
Assistant Professor  
Department of IT  
SMIT Sikkim.

**Witnesses**

1. 

2. 

3. 



**SMIT** SIKKIM  
MANIPAL  
UNIVERSITY  
SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY



# **Memorandum of Understanding (MoU)**

**For**

**Academic Collaboration**

**between**

**Sikkim Manipal Institute of Technology,  
Majitar, Sikkim**

**and**

**Government Engineering College, Banka  
(Department of Science and Technology,  
Government of Bihar)**

## 1. The Agreement

- 1.1. The Agreement is made and entered into on this 7th Day of April Two Thousand Twenty-Two between Sikkim Manipal Institute of Technology (SMIT), a constituent college of Sikkim Manipal University and situated at Majitar, Rangpo East Sikkim 737136 (herein after referred to as the "SMIT" which expression shall, unless repugnant to the subject or context thereof, include its successors and assigns) of the FIRST PART.

AND

- 1.2. Government Engineering College, Banka (GEC), Bihar, established by Government of Bihar & run by Department of Science & Technology, Government of Bihar and situated at PO- Manjira, Lakrikola, Banka - 813102 of the OTHER PART.

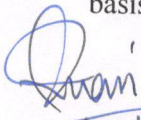
## 2. Preamble

### Whereas

- 2.1. Sikkim Manipal Institute of Technology (SMIT), a constituent college of Sikkim Manipal University (SMU) was established in 1997. SMU is a non-profit University and has a distinction of being the first Public Private Partnership (PPP) model of India, a partnership between the Sikkim Government and Manipal Group. SMIT has emerged as one of the premier institute of India in the last 24 years. It has contributed significantly towards development of human resource in its locality and nation in general. The hall mark of the institute is excellent academic quality and developing student into competent professionals and team leaders via enumerable student centric activities.

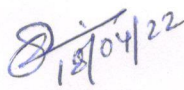
SMIT upholds the legacy of Manipal group; well-known world leader in providing quality education in various fields across the globe. SMIT is an institute of eminence in the Eastern India region engaged in teaching, research and development in many areas of physical sciences, engineering, technology, management and has eminent faculty and excellent research facilities.

- 2.2. Government Engineering College, Banka is under the Department of Science and Technology affiliated by AKU Patna and approved by AICTE. It has been established by the Government of Bihar in 2018. It is situated on the holy land where Satish Prasad Jha, one of seven martyrs, hoisted the flag of India at the Secretariat building near Patna on 11 August 1942. It belongs to the land of holy hill name "The Mandar Hill". The College has five branches- Electrical Engineering, Civil Engineering, Mechanical Engineering, Electronics & Communication Engineering and Computer Science & Engineering. The institute aims at offering quality education, training, research, competency development and consultancy to the satisfaction of all its stakeholders. This institute through its innovative teaching methods aims at improving effectiveness of technical education on a continuous basis.

  
18/04/2022

Shabbir Ali  
7/4/2022



  
18/04/22

Anand  
07.4.22



### Article 3: Fields of Collaboration

SMIT and GEC may collaborate within any mutually agreeable field of research and education.

### Article 4: Exchange of Faculty and Research Scholars

- 4.1 SMIT and GEC will encourage collaboration in research and education in areas of mutual interest, through reciprocal arrangements for faculty and research scholar exchanges.
- 4.2 As feasible, and contingent upon cognizant parent organization or departmental approval, the administrations of the two institutions agree to assist their respective faculty members in developing scholarly exchanges that may include a range of interactions such as research collaboration, specialized lectures, seminars and teaching or submission of joint research proposals.
- 4.3 GEC Banka is in the nascent stage. Hence, SMIT may mentor GEC Banka in achieving its mission and vision. There is large scope of engagement between SMIT and GEC Banka in various fronts that will be mutually beneficial and in large will be highly beneficial to the students.

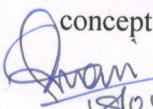
### Article 5: Research projects

- 5.1 Interested faculty of either institution may initiate joint research projects. Subject to available funding, the parties will encourage research centres of their respective institutions to initiate and conduct collaborative projects consistent with the other terms and specifications of this agreement. Such joint research projects are to be the subject of definitive project agreements specific to each project and separate from this MOU.
- 5.2 The financial arrangement relating to each joint research project will be in accordance with the specific agreement covering each project.

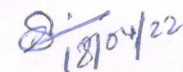
### Article 6: Intellectual Property, Inventions and Innovations

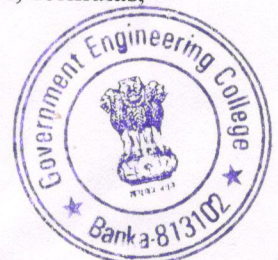
The terms with respect to title to and exploitation of intellectual property (including trademarks and service marks, copyrights, patents designs and confidential information on the subject of such intellectual property, inventions and innovations) will be negotiated on a project-by-project basis in the specific research project agreements referred to in Article-5 and broadly governed by the IPR policy of both institutions.

Information on research results and scientific materials (reports, articles, books) will be exchanged freely keeping in mind the mutually agreed provision of Intellectual Property Rights. All Intellectual Property solely conceived and/or developed by GEC during the course of this agreement shall be owned by GEC. All Intellectual Property solely conceived and/or developed by SMIT during the course of this Agreement shall be owned by SMIT. Intellectual Property jointly conceived and/or developed by GEC and SMIT will be jointly owned by GEC and SMIT. For purposes of this Agreement, the term "Intellectual Property" shall mean any and all works and property including, but not limited to, all intellectual properties, ideas, inventions, concepts, products, improvements, innovations, discoveries, developments, methods, formulas,

  
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18/04/22  
Anand  
07.4.22



techniques, software, knowhow and writings made, conceived, reduced to practice, developed, written, or prepared by a party, whether or not patentable or copyrightable and whether made solely by that party or jointly with other third parties. GEC and SMIT agree to collaborate towards the protection, if appropriate, and application of such Intellectual Property for commercial or other purposes on mutually acceptable terms to be negotiated in good faith between the parties.

#### Article 7: Administration and General Provisions

- 7.1 This MoU shall have an initial duration of five years from the date of signature, unless either party gives a six-month notice of termination. This MoU may be extended further, in five-year increments, by mutual written agreement.
- 7.2 Despite the statements and obligations expressed herein, this MoU is a non binding expression of the current intentions of the Parties, and neither Party will incur nor be bound to any legal obligations or expense hereunder to the other Party until and unless definitive agreements have been negotiated, approved by the necessary management levels of each Party and executed and delivered by authorized representatives of both Parties.

#### Article 8: ARBITRATION:

All disputes and/or differences between the Parties, arising out of / or relating to this MOU, shall first be attempted to be amicably resolved by the heads of both the institutes. On failure to reach an amicable resolution, the dispute shall be referred to a sole arbitrator jointly appointed by the Parties. The arbitration proceedings shall be governed by the provisions of Arbitration and Conciliation Act, 1996 and the jurisdiction for the same shall be within the state of Sikkim, India.

Signed \_\_\_\_\_

Prof. Manoj Kumar  
Director  
Sikkim Manipal Institute of Technology  
Majitar, Rangpo - 737136

Witnesses (SMIT)

1. \_\_\_\_\_  
(M. N. Anwar) 18/04/2022

2. \_\_\_\_\_  
(E. Savarapathi) 18/04/2022

Signed \_\_\_\_\_

Dr. K. N. Prasad  
Government Engineering College, Banka  
राजकीय अभियंत्रण महाविद्यालय  
बांका

Witnesses (GEC)

1. \_\_\_\_\_  
(Dr. Shabbiruddin) 7/4/2022

2. \_\_\_\_\_  
(Anand Kumar) 7.4.22

This MoU is signed subject to approval by the appropriate authorities on both sides.





**SMIT** SIKKIM  
MANIPAL  
UNIVERSITY  
SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY

MSRT, Government of Iran



**Malayer University**

**Memorandum of Understanding**  
**Between**  
**Sikkim Manipal Institute of Technology, Sikkim, India**  
**AND**  
**Malayer University, Iran**

**PREAMBLE:** Malayer University, Iran and Sikkim Manipal Institute of Technology (SMIT), Sikkim, India agree to the following protocols governing their collaboration on academic and research related activities.

**1. SCOPE OF THE MOU**

- 1.1 Each institution may offer opportunities to the other for activities and programs, such as speeches, research, and internship of students, exchange of faculties and staff development that will foster a collaborative relationship. This MoU will be treated valid for all activities in the various scientific areas available in both the organizations.
- 1.2 *Specific Activities:* Specific activities and programs implemented under the authority of this MoU and as decided from time to time on the topics of mutual interest of different departments of Malayer University, Iran and SMIT shall be subject to availability of funds of the parent institution and the approval of each institution's authorized representative. The institutions contemplate implementation of programs or activities such as: (a) collaborative educational and research activities; (b) short term exchange of faculty, staff members and students for research, lectures and discussions; (c) accepting students from the other institution for internship programs and (d) jointly organized events such as seminars, conferences, short-term academic/training programs.



*[Handwritten Signature]*  
10/6/2022



2. The activities under the linkage as described below for the collaborations, which form the schedule to this memorandum of understanding. The schedule may be amended by mutual consents and such amendment will be part of this MOU.
3. Researchers of the participating institutions (MALAYER UNIVERSITY and SMIT) will submit collaborative research projects to various national and international funding agencies in the area of mutual interest and expertise.
4. The faculty members of the each of the institute may be invited for a short visit at the other institution. The cost of travel will have to be arranged by the faculty/parent organisation and the accommodation, food and local transport (except air tickets) of the visiting faculty will be supported by the host institute based on the funds available.
5. Both the partner institutes will accept students for internship from the other partner institute for one to four months duration duly forwarded by the respective international offices. The travel, accommodation, insurance and other not specified charges during this internship program will be borne by the student. The host university will also provide non-financial assistance to the students in obtaining their visas.
6. Both the partner institute will jointly organize national and international conferences/seminars/workshops and help the researchers from the other organisation in publishing their research papers under reputed publishing houses such as Springer, IGI Global etc.
7. In case of any joint research findings, patents, projects and all other intellectual property rights shall be owned jointly by MALAYER UNIVERSITY and SMIT.
8. The expenditure involved in securing and maintaining the intellectual property rights resulting from the collaborations between MALAYER UNIVERSITY and SMIT will be shared proportionately based on their intellectual material and financial contributions.
9. Each party shall designate officials or offices to serve as liaison for implementing this Agreement. For MALAYER UNIVERSITY the coordinator will be Dr. Alireza Abdikian (tel. +98 91881 21482, e-mail: abdykian@malayeru.ac.ir). For Sikkim Manipal Institute of Technology, the coordinator will be Dr. Asit Saha, (tel. +91 77971 39336, e-mail: asit.s@smit.smu.edu.in).

**10. EFFECTIVE DATE, DURATION, TERMINATION OF THE AGREEMENT:**

- 10.1. The agreement shall be effective from the date of signing and shall recur in force for a period of 5 years from said date.
- 10.2. The agreement shall be deemed to expire on completion of the period as in provision unless extended by both the institutions.
- 10.3. This Memorandum of Understanding shall be valid for a period of 5 years from the date of signing and shall be extended, shortened or amended by mutual consent. For withdrawal from



*Handwritten signature and date: 10/06/2022*

this agreement, a given party shall provide a six months written notice. In any event students and faculty already within programs shall be allowed to complete their particular ongoing programs.

10.4. In the event of termination of the agreement the right and the obligations of the parties thereto shall be settled by mutual discussion.

10.5. The agreement arrived at between the parties for utilization of intellectual property shall survive the termination of the agreement.

11. This MoU will not have any **financial obligations to both the partner institutions.**

## 12. ARBRITATION:

The partners agree that this MoU is on the basis of goodwill and shall not be legally bounded. In the event of any dispute or differences between the parties arising out of or in connection with this agreement, such dispute or differences shall be mutually referred to the sole arbitration of the heads of both the institutions. The heads of the institutions shall endeavour to resolve such controversy or dispute by mutual discussions and in good faith.

Signed

Malayer University, Iran

Witnesses

1. A. Abdikian

2. Arash Babaei



Signed

Prof (Dr) G.L. Sharma  
Director  
Sikkim Manipal Institute of Technology  
Majitar Rangpo - 737136  
East Sikkim (Sikkim), India

Witnesses

1. (Santonu Sarapondhi)

2. Dr. Asit Saha  
10-06-2022





## COLLABORATIVE RESEARCH AGREEMENT (CRA)

CRA/SCR/2020/1

This Agreement is made by and between **The International Agency for Research on Cancer**, 150 cours Albert Thomas, 69372 Lyon cedex 08, France, hereinafter referred to as "**IARC**", and **Sikkim Manipal University**, Gangtok, India, hereinafter referred to as "**the Institution**", collectively referred to as "the Parties", for the purpose of the following project (the "Project"):

### Assessing the population level impact of HPV vaccination on prevention of cervical HPV infection in Sikkim, India

IARC hereby agrees to provide to the Institution financial and/or in-kind support as specified below, subject to the terms and conditions of this CRA. The following also form an integral part hereof: (i) the General Conditions, (ii) PART A comprising administrative/financial details, and additional special conditions as applicable, and (iii) PART B comprising the Project description and details of the work to be carried out hereunder.

|                           |  |
|---------------------------|--|
| <b>Project Period:</b>    | The Project will start on: <b>01/06/2020</b> ("the Start Date") and will be completed by: <b>30/11/2021</b> or any extension thereof agreed in writing by the authorized representatives of the Parties ("the End Date").                    |
| <b>CRA Duration:</b>      | This CRA shall take effect as from the above Start Date and shall expire 90 calendar days after the Project End Date, in order to allow for review and clearance of final deliverables by IARC, and final payments to be made as applicable. |
| <b>Financial support:</b> | A maximum amount of <b>18,000 (Eighteen Thousand Euros)</b>  |

#### Schedule of Deliverables and Payments:

Subject to the Institution's compliance with the terms and conditions of this CRA, payments shall be made by IARC within 15 working days after receipt by IARC of satisfactory deliverables in accordance with the following schedule (or in the case of the final technical and financial reports, within 60 calendar days after receipt by IARC of satisfactory reports):

| Deliverables                          | Due Date   | Amount           |
|---------------------------------------|------------|------------------|
| Counter-signed CRA                    | 01/06/2020 | 4,500.00         |
| Interim reporting                     | 28/02/2021 | 9,000.00         |
| End of Project / Completion of work   | 30/11/2021 | 0.00             |
| Final technical and financial reports | 31/12/2021 | 4,500.00         |
|                                       |            | <b>18,000.00</b> |

This CRA is hereby executed by the duly authorized representatives of the Parties, in two (2) originals, as follows:

#### IARC Principal Investigator / Scientist

Name: **Partha Basu**  
Title: **Medical Officer**

Validated on **28/03/2020**

#### Institution's Principal Investigator

Name: **Dr Yogesh Verma**  
Title:

Signature: 

Date:

#### On behalf of IARC: Authorized Signatory

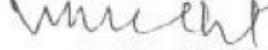
Name: **Elisabete Weiderpass, MD, MSc, PhD**  
Title: **Director**

Signature: 

Date:

08/04/2020

#### On behalf of the Institution: Responsible Administrative Authority\*

Name:   
Title: **Brig (Dr) V K Mehta (Retd)**  
Signature: **Dean**

Date: **25/04**

Sikkim Manipal Institute of Medical Sciences  
1 Mile, Tadong, Gangtok-737102  
East Sikkim

\* An official of the Institution other than the Principal Investigator, duly empowered to enter into contractual arrangements on behalf of the Institution

## COLLABORATIVE RESEARCH AGREEMENT (CRA)

CRA/SCR/2020/1

### PART A - ADMINISTRATIVE AND FINANCIAL ARRANGEMENTS

#### Institution Contact Details

Institution:

**Sikkim Manipal University  
Central Referral Hospital  
Sikkim Manipal Institute of Medical  
Sciences (SMIMS)  
Sikkim Manipal University, Tadong  
Gangtok 737102  
India**

Principal Investigator:

**Dr Yogesh Verma**

**+91 9434022314**

**yogeshverma58@gmail.com**

#### Institution Bank Account Details

Payments shall be made into the Institution's bank account specified below.

Account holder's name: **SMIMS**  
Account number: **04201930000164**  
IBAN (or IFSC): **HDFCINBB**  
Currency of account: **INR**  
Bank name: **HFDC Bank**  
Bank address: **5th Mile -Tadong -East Sikkim -797102 India**  
(street, city, country)  
Bank Identifier Code (BIC): **Gangtok Branch**

Upon each payment, IARC shall notify the Institution by e-mail to: [yogeshverma58@gmail.com](mailto:yogeshverma58@gmail.com)

**The Institution hereby certifies the correctness of the above banking information.**

#### Financial Reporting Requirements

The Institution shall submit financial reports to IARC as per the terms and conditions of this CRA, and in accordance with the provisions of General Conditions 4, using the standard IARC Financial Report Form.

Interim financial reports, if applicable, shall report on funds received from IARC and expenses incurred for the Project for a given reporting period. The final financial report shall cover the entire Project Period of the Project and full expenditure i.e. from Project Start Date to End Date including any extension thereof.

Unless exceptionally agreed otherwise and specified in this CRA, payment of the final instalment shall be made only after satisfactory completion of the work and receipt by IARC of satisfactory final technical and financial reports.

#### Allocated Budget

The funds allocated under this CRA represent the maximum amount to be provided by IARC, to be used strictly and exclusively for the purpose of the Project and within the Project Period. These funds shall be expended in accordance with the budget expenditure pattern indicated below (under "Cost categories"), in compliance with the terms and conditions of this CRA, included but not limited to article 2 of the General Conditions.

The amount(s) to be paid under this CRA may be reduced in the event that the Institution carries out the Project for less than the budgeted amount. IARC shall not be responsible for any expenses incurred by the Institution in carrying out the Project which are not specifically agreed in this CRA. Any funds not expended on the Project in accordance with the terms of this CRA shall be reimbursed to IARC.

Budget lines (estimated amount for each cost category) may be adjusted within the approved allocated budget provided that such adjustments shall not exceed 20% of any budget line without prior written approval from the IARC Principal Investigator.

# International Agency for Research on Cancer



**World Health  
Organization**

150 cours Albert Thomas, 69372 Lyon cedex 08, France  
Tel.: +33 4 72 73 85 98; Fax: +33 4 72 73 83 94; E-mail: [bfo@iarc.fr](mailto:bfo@iarc.fr)

|   |   |
|---|---|
| To: UNDP Resident Representative<br>Attn.: Mr Pankaj Mehta  | From: International Agency for Research on Cancer/WHO   |
| E-mail:<br><a href="mailto:registry.in@undp.org">registry.in@undp.org</a><br><a href="mailto:pankaj.mehta@undp.org">pankaj.mehta@undp.org</a><br><a href="mailto:Abhai.saxena@undp.org">Abhai.saxena@undp.org</a><br><a href="mailto:yuri.afanasiev@undp.org">yuri.afanasiev@undp.org</a> | Authorizing Agency Officer:<br><br>Julie Goux<br>Finance Officer<br><br>Rommel Nidea<br>Finance Officer   |
| DONOR CODE:   | <b>IARC SCA donor code 11166</b>  |
| Agency References :   | UNDP 20/16<br>Vendor No 3092<br>CRA SCR/20/01 – 1 <sup>st</sup> payment   |
| Agency Request Date:  | 17 June 2020  |
| Due Date:   | 19 June 2020  |
| Payee:  | <b>Sikkim Manipal Institute of Medical Sciences (SMIMS)</b><br>5th Mile, NH 31A, Tadong, Gangtok,<br>Sikkim 737 102, India  |
| Currency/Amount:  | <b>387,798.63 Rupees</b><br><br>Three hundred eighty seven thousand, seven hundred and ninety eight rupees and sixty three paise  |
| Bank details:   | <b>HDFC Bank</b> Gangtok Branch<br>5th Mile, NH 31A, Tadong, Gangtok,<br>Sikkim 737 102, India<br>Swift code : HDFCINBB<br>A/C No : 04201930000164<br>IFSC Code : HDFC0000420<br>Sikkim 737 102, <b>India</b> |

# International Agency for Research on Cancer



**World Health  
Organization**

150 cours Albert Thomas, 69372 Lyon cedex 08, France  
Tel.: +33 4 72 73 85 98; Fax: +33 4 72 73 83 94; E-mail: [bfo@iarc.fr](mailto:bfo@iarc.fr)

|   |   |
|---|---|
| To: UNDP Resident Representative<br>Attn.: Mr Pankaj Mehta  | From: International Agency for Research on Cancer/WHO   |
| E-mail:<br><a href="mailto:registry.in@undp.org">registry.in@undp.org</a><br><a href="mailto:pankaj.mehta@undp.org">pankaj.mehta@undp.org</a><br><a href="mailto:Abhai.saxena@undp.org">Abhai.saxena@undp.org</a><br><a href="mailto:yuri.afanasiev@undp.org">yuri.afanasiev@undp.org</a> | Authorizing Agency Officer:<br>Julie Goux<br>Finance Officer<br><br>Rommel Nidea<br>Finance Officer   |
| DONOR CODE:   | <b>IARC SCA donor code 11166</b>  |
| Agency References :   | UNDP 20/16  |
|   | Vendor No 3092  |
|   | CRA SCR/20/01 – 1 <sup>st</sup> payment   |
| Agency Request Date:  | 17 June 2020  |
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| Payee:  | <b>Sikkim Manipal Institute of Medical Sciences (SMIMS)</b><br>5th Mile, NH 31A, Tadong, Gangtok,<br>Sikkim 737 102, India  |
| Currency/Amount:  | <b>387,798.63 Rupees</b><br><br>Three hundred eighty seven thousand, seven hundred and ninety eight rupees and sixty three paise  |
| Bank details:   | <b>HDFC Bank</b> Gangtok Branch<br>5th Mile, NH 31A, Tadong, Gangtok,<br>Sikkim 737 102, India<br>Swift code : HDFCINBB<br>A/C No : 04201930000164<br>IFSC Code : HDFC0000420<br>Sikkim 737 102, <b>India</b> |

# International Agency for Research on Cancer



**World Health  
Organization**

150 cours Albert Thomas  
69372 Lyon cedex 08, France

Office of the Director  
Tel.: +33 4 72 73 85 77  
Fax: +33 4 72 73 85 64  
E-mail: [director@iarc.fr](mailto:director@iarc.fr)  
<http://www.iarc.fr>

Dr G. S. Joneja  
Sikkim Manipal Institute of Medical Sciences  
Sikkim Manipal University  
Tadong, Gangtok 737 102  
Sikkim  
India

Ref.: SCR/29/7/IND-10

28 June 2016

Dear Dr Joneja,

## **Collaborative Research Agreement SCR/16/11**

I refer to your recent discussions with Dr R. Sankaranarayanan and have pleasure in enclosing a new Collaborative Research Agreement regarding the follow-up of the 3000 girls/women previously enrolled in the 2- versus 3-dose HPV vaccination clinical trial in Sikkim, India.

Should you agree with our proposal, I would be grateful if you could sign the attached agreement on behalf of the Institution and ask Dr Yogesh Verma to sign as principal investigator. Please note that you should both initial at the bottom of each page of Annex 1. Please return one signed set of all documents to our offices and retain the second one for your files.

Dr Sankaranarayanan and I look forward to a continued fruitful collaboration with you.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'CP Wild', written over a circular stamp or mark.

Christopher P. Wild, PhD  
Director

Encls: as mentioned

*Copy for your file*



**World Health Organization**

**COLLABORATIVE RESEARCH AGREEMENT (CRA)  
CRA No. SCR/16/11**

This agreement is made between **Sikkim Manipal Institute of Medical Sciences, Gangtok, Sikkim, India**, hereinafter referred to as '**the Institution**', and **The International Agency for Research on Cancer, 150 cours Albert Thomas, 69372 Lyon cedex 08, France**, hereinafter referred to as '**IARC**'.

IARC agrees to provide to the Institution a maximum of **€19,000 (nineteen thousand Euros)**, provided that the corresponding funds for the project under Grant No. OPP48979 have been made available to IARC by the donor (Bill & Melinda Gates Foundation), in accordance with the following conditions:

Validity: for the period commencing: **1 August 2016 to 31 July 2017**

Purpose: This fund must be used strictly for the project **Follow-up of 7000 girls/young women as well as the unvaccinated cohort from the 2- versus 3-dose HPV vaccination clinical trial** as more fully described in **Annex 1** of this CRA, which forms an integral part hereof and which may also include an agreed budget and specific conditions applicable to this CRA.

Payment Schedule:

€13,000 on signature of this CRA, and this fund shall not be used prior to CRA start date  
€6,000 on 1 February 2017 on receipt of satisfactory interim financial report and technical progress report

Bank Details: Payment will be made to the Institution's bank account as hereinafter specified:

Name of account holder: **Sikkim Manipal Institute of Medical Sciences (SMIMS)**  
Account number: **042 019 300 00 164**  
IBAN and BIC/SWIFT Code: **HDFCINBB** (the word **OUR** shall be mentioned in the field n° 21 of swift transfer form)  
Bank name and address: **HDFC Bank / 5th Mile / Tadong East Sikkim / 737 102 India**  
Currency of account: **Indian Rupees** Branch code (if any): **Gangtok Branch**

The 'General Conditions' overleaf also forms an integral part of this CRA.

If one of the following texts is marked with a cross ("X") in the corresponding box, the paragraph of the General Conditions referred to therein shall be applied to this CRA:

Paragraph 9.1 of the General Conditions overleaf.

Paragraph 9.2 of the General Conditions overleaf.

IARC Responsible Technical Officer

Signature:

Name: **R. Sankaranarayanan, M.D.**

Title: **Head, Screening Group**

Date: **28/6/2016**

Institution's Principal Investigator

Signature:

Name: **Dr Yogesh Verma**

Title: **Principal Investigator**

Date: **21/07/16**

On behalf of the IARC

Signature:

Name: **Christopher P. Wild, PhD**

Title: **Director**

Date: **05/07/16**

On behalf of the Institution

Signature:

Name: **Dr G. S. Joneja**

Title: **Dean**

Date: **21/07/16**

**Sikkim Manipal Institute of Medical Sciences  
5th Mile Tadong, Gangtok - 737102  
Sikkim, India**

For IARC/WHO internal use only

Earmarking No.: **3/12/198**



## COLLABORATIVE RESEARCH AGREEMENT – CRA No. SCR/16/11

Between **the Institution** and **IARC**,

for the following project:

**Extended follow-up of the participants of the IARC-India HPV vaccination study to evaluate the effectiveness of one, two and three doses of quadrivalent HPV vaccine in preventing cervical neoplasia**

### DESCRIPTION OF WORK

#### Background:

Cervical cancer is a major cause of morbidity, mortality and premature death among middle-aged women in developing countries, which account for 80% of an estimated 493,000 new cases and 273,000 deaths world-wide annually. If effective prevention interventions are not implemented, over 1 million women will suffer from it annually by the year 2030, leading to a great disparity in risk and suffering as compared to developed nations, and increasing the social inequalities.

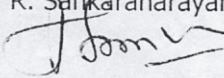
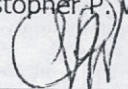
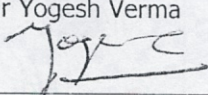
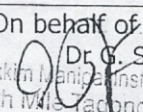
While early detection of asymptomatic precancerous lesions by screening and their effective treatment lead to the prevention of invasive cervical cancer and premature death from it, the fact that cervical cancer is caused by persistent infection by one or more of the 15 oncogenic HPV types provides the exciting opportunity for prevention through vaccination.

HPV vaccination is now widely recommended for the prevention of cervical cancer and is implemented in 80 countries world-wide; three doses of the vaccine over 6 months was recommended since 2006 to girls and young adult women. However, the World Health Organization recently recommended that two doses (at 6- or 12-month intervals) will be adequate to vaccinate healthy, non-HIV infected girls below 15 years, based on some early, but robust, evidence. Although several countries have changed their vaccination protocols to two doses for girls aged 9-14 years, as recommended by WHO, some countries still continue with three doses anticipating long-term evidence on the durability of the protection offered by 2 doses. Therefore, there is a need for long-term follow up information on the efficacy of two doses. Some recent studies indicated that even a single dose of the vaccine may give enough protection against cervical cancer; again long-term efficacy results of less than two doses are essential to give the confidence required to policy-makers to change the vaccination schedule to a single dose.

The IARC initiated a multi-centric cluster-randomized clinical trial in India in the year 2009 to evaluate the effectiveness of two doses (days 1 and 180) of quadrivalent vaccine compared to three doses (days 1, 60 and 180) of the same vaccine in girls/women aged 10 to 18 years. The vaccination trial was suspended mid-way for reasons unrelated to the study. Due to this premature suspension, groups of girls received a single, two or three doses of the vaccine by default. The final vaccination status of the recruited girls (10 to 18 years old) are as follows: 4348 girls received three doses on days 1, 60 and  $\geq 180$ , 4979 received two doses on days 1 and  $\geq 180$ , 3452 received two doses on days 1 and 60 by default, and 4950 received one dose by default. They have already been followed-up for five years (trial started in 2009). The results are quite encouraging and favour two doses and even a single dose of the vaccine.

The objective of this present study is to follow up the vaccine recipients (total number: 17,610) over next five years to conclusively establish whether a single or two doses of the vaccine can prevent persistent vaccine-targeted HPV infection and cervical cancer precursor lesions caused by HPV 16 and 18 as effectively as three doses as well as the extent of cross-protection provided by the different dose schedules.

#### Initials of the CRA signatories (to be inserted on each page of the annex)

|  |  |   |   |
|--|--|---|---|
| IARC Resp. Tech. Officer<br>R. Sankaranarayanan, M.D.<br> | IARC Director<br>Christopher P. Wild, PhD<br> | Institution P.I.<br>Dr Yogesh Verma<br> | On behalf of the Institution<br>Dr. G. S. Joneja<br>Sikkim Manipal Institute of Medical Sciences<br>5th Mile Tadong, Gangtok - 737102<br>Sikkim, India<br> |
|--|--|---|---|

Starting from January 2013, a total of 1540 unvaccinated married girls matched by age and place of residence to the already vaccinated 18 to 21 year-old women in the study were recruited as a default control group.

According to the original study protocol all the recruited girls needed to be followed up for long term end points such as cervical precancerous conditions for an unspecified period (20+ years). The present plan of action is to follow them up at least for the next 5 years.

**Goals and objectives:**

The overall goal of the extended phase of the research study is to assess the long-term clinical efficacy of two doses and a single dose of the HPV vaccine, not only in girls aged 9-14 years but also in those aged 15-18 years at recruitment. Proof of the efficacy against long-term clinical outcomes will strengthen the evidence base for the current recommendation of two doses for adolescent girls and will contribute to the evidence base if two doses may be effective for those aged 15-18 years and one dose may be efficacious for cervical cancer prevention in pre-adolescent and adolescent girls. The public health implication of either of the findings will be immense, as this will allow many of the resource-limited countries to introduce the vaccination program at a substantially lower cost and improve compliance and access to vaccination. Indeed, a substantial proportion of vaccinated girls/women in developed countries actually receive only a single or two doses. Given the real possibility that many developing countries may not adequately invest in organizing cervical screening services, HPV vaccination is the most potentially useful and effective intervention in the long-term.

The extended phase of the study will generate additional data to validate the existing outputs in terms of the efficacy of fewer than 3 doses of HPV vaccine against incident and persistent HPV infections. Follow-up of the vaccinated as well as the unvaccinated girls for 5 more years will provide substantial evidence regarding the efficacy of less than 3 doses of the vaccine to prevent cervical premalignant lesions, the most important endpoint for any HPV vaccine study. The study will also address important issues related to the screening of the vaccinated women. During this extended 5-year period, many of the participants in the present study will reach 25 years of age and will be eligible for screening. Screening of these women with HPV testing will allow us to evaluate the performance of HPV screening in the vaccinated women, regarding which very little information is available in the literature.

Essentially the outcomes of the project will be looking for long-term efficacy to prevent persistent HPV infection and cervical pre-malignancies and assessment of HPV screening of the vaccinated population.

The follow up will be primarily based on communicating with the participants through mobile phones taking advantage of the much improved telecommunication services in India. This study will set a novel example of using the M-health platform to improve cervical cancer control activities in a resource-limited setup.

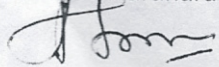
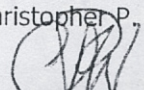
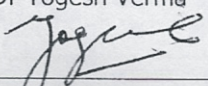
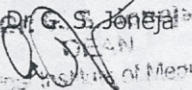
For full details of the scope and approach of the extended phase of the study, please see the attached detailed protocol and Annexures.

**Work to be carried out:**

As per the detailed attached protocol (Annex 2), follow-up the vaccinated and unvaccinated cohorts in the following sites:

- The Nargis Dutt Memorial Cancer Hospital, Barshi (NDMCH): eligible girls from Osmanabad and Beed districts;

**Initials of the CRA signatories (to be inserted on each page of the annex)**

|   |  |   |  |
|---|--|---|--|
| IARC Resp. Tech. Officer<br>Dr R. Sankaranarayanan<br> | IARC Director<br>Christopher P. Wild, PhD<br> | Institution's P.I.<br>Dr Yogesh Verma<br> | On behalf of the Institution<br>Dr G. S. Joneja<br> |
|---|--|---|--|

- Tata Memorial Centre, Mumbai (TMC): eligible girls from Sindudurg district;
- Jehangir Clinical Development Centre (JCDC) Pune: eligible girls from Pune district;
- The Christian Fellowship Community Health Centre, Ambillikai (CFCHC): eligible girls from Dindigul district;
- Gujarat Cancer Research Institute (GCRI), Ahmedabad: eligible girls from Gujarat state;
- All India Institute of Medical Sciences (AIIMS), New Delhi: eligible girls from Haryana state;
- MNJ Cancer Institute, (MNJCI), Hyderabad: eligible girls from Andhra Pradesh state;
- Cancer Foundation of India (CFI), Kolkata will assist in coordination for the projects in Sikkim and Mizoram States: eligible girls from each state.
- Sikkim Manipal Institute of Medical Sciences (SMIMS), Sikkim: eligible girls from Sikkim state
- Civil Hospital, Mizoram: eligible girls from Mizoram state

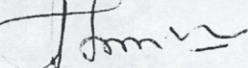
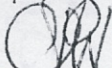
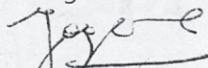
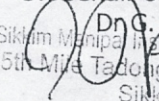
The funds will be used to contact the girls/young women for follow-up, after obtaining informed consent, to facilitate collection of blood for assessing the anti-HPV immunological status and T cell/B cell assays, collection of cervical cells to establish the presence or absence of HPV infection after their becoming sexually active, for screening sexually active women aged 25 years or more, follow-up care of study subjects, to co-ordinate the study inputs/outcome evaluations with IARC and for all project-related costs.

#### Contribution of the **Institution:**

The detailed description of the project, and the work to be carried out, are given in the study protocol, attached as Annex 2 to this Agreement. A summary of the work to be carried out follows:

- The **Institution** will provide the services of the principal investigator and other experienced staff as co-investigators and collaborators, the services of other necessary personnel, infrastructure and equipment for the satisfactory conduct of the study.
- The **Institution** will adhere to the data safety monitoring board (DSMB) to review safety of the project inputs as well as the Good Clinical Practices monitoring board (GCPMB) constituted by the IARC to ensure good clinical practices in the trial.
- The **Institution** will arrange to recruit/retain project staff including doctors, nurses, health workers and health educators and will organize training/reorienting them regarding household visits, interviewing women and girls, counselling on causes, prevention and control of cervical cancer and the public health importance of preventing cervical cancer in order to enable them to sensitize and motivate parents/husbands/parent-in-laws and facilitate participation of eligible girls.
- The **Institution** will organize appropriate information, education and motivation campaigns suited to local culture, customs and norms to impress upon the local population the importance of cervical cancer as a threat to women's health, the role of HPV infection in cervical cancer and the potential usefulness of follow-up in preventing this disease.
- The **Institution** will re-contact the eligible girls, obtain informed consent from parents and/or the participants as appropriate, collect up-dated data on study subjects using the forms attached with the study protocol and arrange to enter these into a database, in consultation with IARC.
- The **Institution** will organize to collect blood/cervical cells from participants for HPV serology/genotyping as per the protocol and for their transport to the RGCBT for analysis

#### Initials of the CRA signatories (to be inserted on each page of the annex)

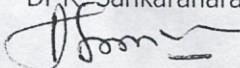
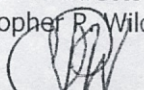
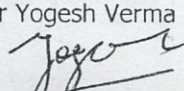
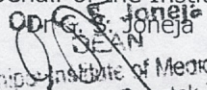
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|--|--|---|--|
| IARC Resp. Tech. Officer<br>Dr. R. Sankaranarayanan<br> | IARC Director<br>Christopher R. Wild, PhD<br> | Institution's P.I.<br>Dr Yogesh Verma<br> | On behalf of the Institution<br>Dr G. S. Joneja<br>Sikkim Manipal Institute of Medical Sciences<br>5th Mile Tadong, Gangtok - 737102<br>Sikkim, India<br> |
|--|--|---|--|

- > The **Institution** will arrange to process the blood and cervical samples collected on the same day of collection, to store them and subsequently transfer them to the central analytical laboratory of the project in Trivandrum for HPV immunology and HPV genotyping studies as per the protocol.
- > The **Institution** will arrange to screen married women aged 25 years or above with a clinically validated HPV test and arrange to investigate HPV screen-positive women with colposcopy, directed biopsies and treat women diagnosed with cervical intraepithelial neoplasia and cancer.
- > The **Institution** will arrange to notify all severe adverse events to the IARC within 24 hours and the local institutional ethics committee within 7 days. Details on the distribution of all adverse events should be submitted to the IARC and local ethics committee every three months.
- > The **Institution** will provide IARC with technical progress and finance reports as required.
- > The **Institution** will update the study databases on an on-going basis.
- > The **Institution** will consult with IARC on project-related matters as needed.

**Contribution of the IARC: Technical**

- > The **IARC** will provide the study protocol and written guidance with respect to deviation/modification in the protocols. It will provide training, advice and technical assistance to ensure the satisfactory performance of the project under the supervision of the Principal Investigator in Barshi and the responsible technical officer in Lyon. It will advise on the study procedures, good clinical practice training and procedures, provide continuous supervision and monitoring of the project activities and program, and review progress reports from the Institution.
- > The **IARC** will constitute a data safety monitoring board common for all the study sites in India, which will be responsible for monitoring the safety of study inputs and directing interim analyses.
- > The **IARC** will advise and assist in obtaining suitable cervical cancer screening and treatment equipment and consumables.
- > The **IARC** will organise the centralized analysis of blood and cervical samples in a designated facility to ensure uniform validated methodology in the estimation of HPV antibodies and HPV genotyping and related analyses and will be responsible for the collation of these data and for external quality control of these analyses.
- > The **IARC** will coordinate and conduct centralized analysis of the study databases and will be responsible for the preparation and publication of the manuscripts describing the design, progress, interim and final results, in consultation with investigators in all the participating institutions in India.
- > If the **IARC** and the **Institution** are satisfied with the quality of the data, the study results will be jointly published with due acknowledgement of the Bill & Melinda Gates Foundation in the publications.

**Initials of the CRA signatories (to be inserted on each page of the annex)**

|  |   |  |  |
|--|---|--|--|
| <p>IARC Resp. Tech. Officer<br/>Dr R. Sankaranarayanan</p>  | <p>IARC Director<br/>Christopher R. Wild, PhD</p>  | <p>Institution's P.I.<br/>Dr Yogesh Verma</p>  | <p>On behalf of the Institution<br/>Dr G. S. Joneja<br/>DEAN<br/>Mamata Institute of Medical Sciences<br/>Gt. Mh. Tadong, Gangtok-737102</p>  |
|--|---|--|--|





# INTERIM FINANCIAL REPORT ON COLLABORATIVE RESEARCH AGREEMENT (CRA)

|  |   |   |
|--|---|---|
| <b>and address of Institution</b><br>Sikkim Manipal Institute of Medical Sciences<br>Sikkim<br>Tadong, Gangtok 737 102<br>Sikkim | <b>CRA No.</b><br>SCR/16/11   | <b>IARC registry file number</b><br>SCR/29/7/IND-10 |
|  | <b>Short project title:</b><br>Follow-up of 2- versus 3-dose HPV vaccination clinical trial on 7000 girls |   |
|  | <b>IARC responsible technical officer:</b> R. Sankaranarayanan, M.D.                                      |   |
|  | <b>CRA period</b><br>01/08/16-31/07/17  | <b>Reporting period</b><br>01/08/16-31/01/17        |

## 1. FUNDS AVAILABLE

Cash balance at start of period  
 Funds received from IARC during report period  
 Others

| Currency<br>INR              | Euros<br>equivalent |
|------------------------------|---------------------|
|                              | 13 000,00           |
| <b>TOTAL FUNDS AVAILABLE</b> | 13 000,00           |

## 2. COMPONENTS - DISBURSEMENTS AND BUDGET

Personnel  
 Consultants  
 Duty travel/transportation  
 Supplies  
 Equipment  
 Other (specify)  
 communication costs, vehicle insurance, etc

| Expenditure/Available Balance           |                     | Budget           | Variance             |
|---|---------------------|------------------|----------------------|
| Currency<br>INR                         | Euros<br>equivalent | Euros<br>budget  | Disb v Bud<br>in % * |
|   | -                   | 6 760,00         |                      |
|   | -                   | 1 690,00         |                      |
|   | -                   | 2 080,00         |                      |
|   | -                   | 2 470,00         |                      |
|   | -                   |                  |                      |
|   | -                   |                  |                      |
| <b>TOTAL - DISBURSEMENTS AND BUDGET</b> | -                   | <b>13 000,00</b> |                      |

**TOTAL - DISBURSEMENTS AND BUDGET**

**CASH BALANCE (1. less 2.)**

## 3. OUTSTANDING OBLIGATIONS

## 4. UNOBLIGATED BALANCE (1. less 2. and 3.)

|  |  |                           |
|--|--|---------------------------|
|  |  | <b>Exchange rate used</b> |
|--|--|---------------------------|

Budget lines may be adjusted *within* the approved total budget provided, however, such adjustments shall not exceed US\$ 2,000 and 20% of any budget line without prior written approval from the IARC responsible technical officer.

We certify that the above financial report and any supporting schedules are correct and agree with the books of accounts and other records of the Institution.

| Chief Financial / Administrative Officer |                   | Principal Investigator |                        |
|--|-------------------|------------------------|------------------------|
| Signature:                               |                   | Signature:             |                        |
| Name:                                    | BINOD HINGMANG    | Name:                  | Dr Yogesh Verma        |
| Title:                                   | FINANCE EXECUTIVE | Title:                 | Principal Investigator |
| Date:                                    | 26.07.2016        | Date:                  | 21/07/16               |

Dr. Yogesh Verma, MD  
 Professor  
 Dept of Pathology  
 CRH / SMIMS

5th Mile Tadong, Gangtok-737102

Binod Hingmang  
 Sr. Finance Executive

### IARC use only

Controlled by: Sikkim Manipal Institute of Medical Sciences  
 Approved by: 5th Mile Tadong, Gangtok-737102

Contribution of the **IARC: Financial**

On signature of this agreement the **IARC** will make available a sum equivalent to €19,000 (nineteen thousand Euros) to the **Institution**. Payment will be made as follows: €13,000 on signature of this agreement, and €6,000 on receipt of satisfactory interim technical and financial reports as of 31 January 2017.

This sum, which is the global contribution of the **IARC**, should be used for salaries, supplies, education material, equipment, patient costs, travel costs and communication costs. The **Institution** will open a separate bank account for the duration of the Agreement, which is to be operated jointly by two authorized officials. All interest accrued on the funds should be credited to the project and appropriately reflected in the financial statements.

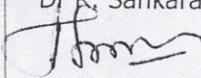
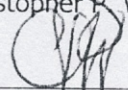
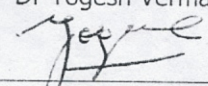
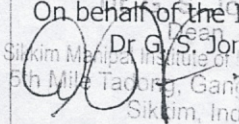
This Agreement may be renewed for a further period, subject to satisfactory progress of work and availability of funds.

This study is supported by the Bill & Melinda Gates Foundation through Grant N° OPP45979 to the IARC.

**Reports**

A detailed financial statement, on the attached forms, and a technical progress report will be submitted to the IARC by the **Institution** on 31 January 2017. Final technical progress and financial reports will be submitted on 31 July 2017 in accordance with paragraphs 4.2 and 4.3 of the 'General Conditions'.

**Initials of the CRA signatories (to be inserted on each page of the annex)**

|  |  |   |  |
|--|--|---|--|
| IARC Resp. Tech. Officer<br>Dr R. Sankaranarayanan<br> | IARC Director<br>Christopher R. Wild, PhD<br> | Institution's P.I.<br>Dr Yogesh Verma<br> | On behalf of the Institution<br>Dr G. S. Joneja<br>Sikkim Manipal Institute of Medical Sciences<br>5th Mile Tadong, Gangtok - 737102<br>Sikkim, India<br> |
|--|--|---|--|



**TMA Pai University Research Seed Grant – Major  
2020-21  
Sanction Letter**

1. The University Research Committee (URC) is pleased to offer a sanction letter of Rs.10.00 lacs (one time research grant) for the project titled “Focal uncoupling of cell-matrix interactions activates processes leading to chronic pain & degeneration in human intervertebral discs” for period of two years from the date of sanction.

2. Principal Investigator: *Dr. Polly Lama, Ph.D, Associate Professor, Department of Anatomy, SMIMS*

Co-Investigator (Internal):

*Dr Binod Kr Tamang, Professor & Head, Department of Anatomy, SMIMS,*

Co-Investigator (International):

*Dr Christine Le Maitre, Ph.D, Head of Research Excellence, Tissue Regeneration Laboratories, Sheffield Hallam University, UK*

3. Principal Investigator (PI) shall regularly submit the utilization report and present the progress as laid in the SoP of SMU TMA Pai Research Fund Management.

Ref. No.: 176/SMU/REG/TMAPURF/164/2020 Vice Chancellor, SMU

Date: 30 June 2020





# **“COLLABORATION AGREEMENT”**

**BETWEEN**

**SIKKIM MANIPAL INSTITUTE OF MEDICAL SCIENCES  
SIKKIM MANIPAL UNIVERSITY**

**AND**

**SHEFFIELD HALLAM UNIVERSITY**  
Howard Street, Sheffield UK  
S1 1WB

**Drawn By  
LEGAL OFFICER**

## **MEMORANDUM OF UNDERSTANDING**

This memorandum of Understanding (hereinafter referred to as the "MOU") executed this 17th June Wednesday 2020 between the Biomolecular Science Research Centre, **Sheffield Hallam University, United Kingdom** and the Sikkim Manipal Institute of Medical Sciences, **Sikkim Manipal University, 5<sup>th</sup> Mile Tadong, Sikkim, East India 737102.**

**WHEREAS** the SIKKIM MANIPAL INSTUTUTE OF MEDICAL SCIENCES, SIKKIM MANIPAL UNIVERSITY has inter alia as one of its objectives, to provide directly or in collaboration with other institutions of higher learning facilities for University research education including technological and professional education; and to participate in the discovery and transmission of knowledge and the stimulation of intellectual development in intervertebral disc tissue regeneration and therapeutics.

**WHEREAS** the Sheffield Hallam University has a general aim to contribute to University Education including technological and professional education and research;

**WHEREAS** both institutions desire to establish relations in the area of Research focusing on the title "**Focal uncoupling of cell-matrix Interaction activates process leading to human intervertebral disc degeneration and pain**"

**NOW** therefore the two parties have agreed to cooperate as follows: -

## **1. AREAS OF COLLABORATION**

To conduct research, foster collaborations with Commonwealth Research, publications and in the area of Intervertebral disc degeneration

- i) Joint supervision of Postgraduate projects
- ii) Research student and faculty, exchange

Operational guidelines both academic and budgetary for each activity under the MOU shall be set down in a specific letter of agreement.

## **MUTUAL OBLIGATIONS**

1. The two parties hereto undertake to jointly solicit for funds including donor funds, research grants, contributions, subscriptions and such related funds for the purpose of realizing any or all the objectives of the collaboration.
2. The overall Memorandum does not entail any obligation for the two parties to fund any travels for researchers from the other institution. Provided that funds are available from elsewhere (e.g. concrete collaborative projects), both parties will facilitate practical arrangements related to study visits from the collaborating institution including office accommodation and necessary administrative functions (such as flight reconfirmation and hotel reservation) to enable them to carry out programme objectives.
3. Both institutions shall seek waiver of duty and value added tax applicable on any equipment and materials for use by students and staff participating in this collaboration. As a general rule, the title and custody of any equipment acquired in the course of the collaboration shall remain

with the host institution upon the expiry of that particular project as specified in individual 'agreements of collaboration'.

4. Both institutions shall abide by current international guidelines on good research practice and ethics available in relation to all research activities.
5. Both institutions further agree to bear the cost of administering the programme on such terms as shall be mutually agreed upon from time to time.
6. Both parties shall make rules governing the use of their respective facilities including laboratories, library and workshops where such facilities are used to conduct any of the functions of this collaboration as specified in 'agreements of collaboration' regarding each individual project.
7. Both parties jointly and independently agree to make available suitable facilities and personnel as and when required and on such terms as to fees, remuneration, insurance, and any other incidents thereto as specified in 'agreements of collaboration' regarding each individual project.
8. The parties shall share both in gains and losses of the collaboration including skills, inventions/patents, profits and liabilities whether pecuniary or otherwise **provided** always Intellectual Property rights shall be shared equally.
9. The parties shall keep each other indemnified against all damages to or losses resulting from the fault of their respective agents and/or servants.

## **MANAGEMENT OF THE COLLABORATION**

Each Institution shall designate a coordinator to develop and coordinate the program activities.

The initial coordinators are Dr. Polly Lama of Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University and Professor (Dr) Christine Le

Maitre of Sheffield Hallam University. Notification of change or successor shall be in writing to the other party.

## **INTELLECTUAL PROPERTY RIGHTS**

All rights created by patent as a result of joint activity shall be shared by the Sheffield Hallam University and Sikkim Manipal Institute of Medical Sciences, Sikkim Manipal University. Unless all the parties agree, no party shall individually, and without prior notice and consent of the others, file or obtain whether in United Kingdom or India or elsewhere and anywhere any Intellectual Property Rights over any research materials or information under this Memorandum including properties, derivatives or processes including those that may utilize the knowledge of local communities regarding any product or process even such process has been modified to a more sophisticated level by synthetic or any other method. Such Intellectual Property shall be in any event jointly owned by both parties. Regarding authors' rights, only co-investigators and other scientific staff that have contributed significantly to the study planning, fieldwork, data analysis and write-up, will be included as co-authors.

## **MATERIAL TRANSFER AGREEMENT**

Any and all materials transferred between the parties shall be subject to an acceptable 'material transfer agreement' signed by the parties and appended to the agreement of collaboration regarding the individual projects.

## **DURATION OF THE MEMORANDUM**

This Memorandum of Understanding shall come into effect from the date of execution and shall remain in force for a period of two years.

## **IMPLEMENTATION**

All laws, rules and regulations issued by all parties shall be strictly observed at all times.

## **SETTLEMENT OF DISPUTES**

The parties shall first use reasonable endeavours to amicably settle disputes arising out of or in connection with this Collaboration Agreement.

Where a dispute has not been amicably resolved the parties shall enter into structured negotiation with the assistance of a mediator acceptable to both sides.

Where mediation fails the parties shall settle the dispute through arbitration, such arbitration shall be conducted under the rules of arbitration of the International Chamber of commerce by one or more arbitrators appointed in accordance with the said rules. The award of the arbitration shall be final and binding upon the parties.

## **FORCE MAJEURE**

Either party shall promptly notify the other party, in writing, of any situation or event arising from circumstances beyond their control, which they could not have reasonably foreseen, and which make the performance of all or part of the parties obligations under this contract impossible. Upon notification of the occurrence of such a situation or event, the performance of this contract shall be deemed to be postponed for a period of time equivalent to that caused by the Force Majeure and reasonable period not exceeding one (1) week thereafter shall be allowed for remobilisation to continue the performance of the contract.

## **REVIEW AND AMENDMENTS**

The Memorandum may be amended or revised if both parties agree. Such amendments or revision shall be effective from the date of signature. Amendments may be decided at any time and shall be made in writing upon mutual consent of the parties.

## **TERMINATION OF MEMORANDUM**

The memorandum of Understanding may be terminated with immediate effect by mutual agreement between the parties or by either party giving the other not less than six (6) months notice in writing.

**IN WITNESS WHEREOF**, the Parties hereto have executed this Memorandum of Understanding this 01 February Monday, 2021.

**SIGNED** for and on behalf of the **SHEFFIELD HALLAM UNIVERSITY**



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## **HEAD OF RESEARCH EXCELLENCE**

Professor Christine Le Maitre

**SIGNED**

For and on behalf of the **Sikkim Manipal Institute of Medical Sciences,**  
**Sikkim Manipal University**



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Dr Polly Lama, (Principal Investigator) Associate Professor, Anatomy

In the Presence of: Mr. Daniel Wild, Legal Officer, Sheffield Hallam University, UK

Copy Rights @ Sheffield Hallam University


Dear Dr Polly Lama,

I am writing to express my excitement and willingness to collaborate on your funded project entitled: "Focal uncoupling of cell-matrix interactions activates processes leading to chronic pain and degeneration in human intervertebral discs".

This is an important project will aid our understanding of the pathogenesis of disc degeneration and provide key information into the integral links between cells, ECM and mechanobiology. I am happy to act as a collaborator and mentor on this program of research. I look forward to hosting you during a visit to Sheffield and can confirm that the ethical permissions I have for collection of human samples will enable you to test key results on additional patient samples here in Sheffield.

I look forward to working with you on this important project.

Kind Regards



Prof Christine Le Maitre



August 10, 2017

Dear Drs. Senthil Reddi, Sonam Lasopa, Mingma Sherpa, Mythili Hazarika and Arvind Nongpiur,

Congratulations, I am delighted to inform you that the Fogarty International Center has approved funding of Advanced in-country multi-center study initiated by former Fogarty Trainees entitled, "Identification of Modulators, Predictors and Convergent Trends (IMPACT) of Suicide Attempts in Urban and Rural Indian Settings". With NIMHANS, Bangalore as coordinating center (trainees, Dr. Senthil Reddi, Dr. Preeti Sinha and Dr. Sydney Moirangthem), the remaining study sites will be Sir Thutob Namgyal Memorial Hospital and Sikkim Manipal Institute of Medical Sciences (SMIMS), Sikkim (trainees, Dr. Sonam Lasopa and Dr. Mingma L Sherpa), Gauhati Medical College, Assam (trainee, Dr. Mythili Hazarika), and North East Indira Gandhi Regional Institute of Health and Medical Sciences (NEIGRIMS), Meghalaya (trainee, Dr. Arvind Nongpiur). The total approved funding for the project is \$46,658 based on the budget below provided by you along with the study proposal. It is expected that all research supported by the Fogarty Advanced in-country grants will provide critical preliminary data to support future collaborative grant applications and also result in collaborative publications in high impact journals.

| Study Site                         | Budgeted items  | Funds requested in USD | Total in USD  |
|------------------------------------|---|------------------------|---------------|
| NIMHANS, Bangalore                 | 1. Two research coordinators will be hired in India to coordinate the multi-site (Karnataka, Sikkim, Assam and Shillong) in-country trainee collaboration grant research on suicide India@ \$6,520 each for 12 months | 13,040                 |               |
|                                    | 2. One research assistant will be hired to interview study participants, conduct assessments and complete all required forms and enter data @ \$5,690 for 12 months   | 5,690                  |               |
|                                    | 3. Reimbursing travel expenses of research participants @ \$30 per person. (90-100 subjects of 400 at NIMHANS require travel reimbursement)   | 2,700                  |               |
|                                    | 4. DIS license and printing costs   | 2,000                  |               |
| <b>NIMHANS Total</b>               |   |                        | <b>23,430</b> |
| NEIGRIMS, Meghalaya                | 1. One research assistant will be hired to interview study participants, conduct assessments and complete all required forms and enter data @ \$5,690 for 12 months   | 5,690                  |               |
|                                    | 2. Reimbursing travel expenses of research participants @ 7.7 per person (200 subjects)   | 1,539                  |               |
| <b>NEIGRIMS Total</b>              |   |                        | <b>7,229</b>  |
| SMIMS, Sikkim                      | 1. One research assistant will be hired to interview study participants, conduct assessments and complete all required forms and enter data @ \$5,690 for 12 months   | 5,690                  |               |
|                                    | 2. Reimbursing travel expenses of research participants @ 7.7 per person (200 subjects)   | 1,539                  |               |
| <b>SMIMS Total</b>                 |   |                        | <b>7,229</b>  |
| GMC, Assam                         | 1. One research assistant will be hired to interview study participants, conduct assessments and complete all required forms and enter data @ \$5,690 for 12 months   | 5,690                  |               |
|                                    | 2. Reimbursing travel expenses of research participants @ 15.4 per person (200 subjects)  | 3,080                  |               |
| <b>GMC Total</b>                   |   |                        | <b>8,770</b>  |
| <b>Total budget of the project</b> |   |                        | <b>46,658</b> |

## Terms and Conditions

1. Awardees must submit progress reports on the scientific and fiscal status of the project at regular intervals.
2. Contact PIs Dr. Senthil Reddi and Dr. Sonam Lasopa will update via Skype the progress of the study to the Program Directors, Dr. Linda B. Cottler and Dr. Sanjeev Jain and Program Coordinator, Dr. Krishna Vaddiparti.
3. Awardees are expected to present the results of their research in collaboration with their Indo-US co-investigators at scientific meetings and publish findings in scholarly journals according to worldwide ethical standard (i.e. ISAJE).
4. In accordance with NIH requirements:  
All presentations and publications resulting from work funded by Fogarty advanced in-country grants must include an NIH funding citation. The following language should be used: This work is supported in part by the Fogarty International Training Program in Chronic Non-Communicable Diseases and Disorders at the University of Florida, Grant # 1D43TW009120 (Cottler PI).
5. Awardees must ensure that electronic versions of any peer-reviewed manuscripts arising from Fogarty advanced in-country grant -funded research and accepted for publication are deposited in PubMed Central, the NIH's digital archive of biomedical and life sciences journal literature. See <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-08-033.html>.
6. Awardees must notify in writing the Program Director, Dr. Linda Cottler, Major Foreign Collaborator, Dr. Sanjeev Jain and Program Coordinator, Dr. Krishna Vaddiparti during the funding period if there is a significant change in the scope of work that would affect the outcome of the project or necessitate re-budgeting.
7. Funds will only be disbursed upon approval from Institutional Review Boards of the institutes of four centers involved in the study.

Sincerely,



Linda B. Cottler, PhD, MPH, FACE  
Principal Investigator

I understand and accept the terms and conditions of this funding as outlined above

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_ Date \_\_\_\_\_



## MEMORANDUM OF AGREEMENT

This MEMORANDUM OF AGREEMENT is made on this Twenty third day of May Two thousand and nineteen by and between Sikkim Manipal University, acting through Department of Microbiology, Sikkim Manipal Institute of Medical Sciences, Sikkim, India, herein referred to as the "SMU/ SMIMS" (which expression unless included by or repugnant to the subject shall mean and include its successor-in-office and assigns) of the ONE PART

AND

School of Allied Health Sciences, Research Excellence Center for Innovation and Health Products (RECIHP) having its registered office at Walailak University, Nakhon Si Thammarat, Thailand hereinafter referred to as RECIHP (which expression shall where the context so admits include its successor and permitted assigns) of the OTHER PART; whereas SMU decided to support a project submitted by Department of Microbiology, SMIMS for the attainment of the objectives, hereinafter described in Annexure I annexed hereto; This Memorandum Agreement (MoA) defines the role and responsibility of the participating agencies, monitoring and other matters related to the fulfilling of the objectives.

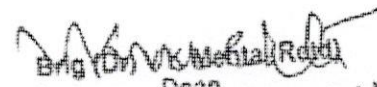
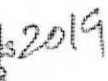
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deference shall be deemed to be a submission to arbitration under the Indian Arbitration and Conciliation Act, 1996, or of any modifications or reenactments thereof.

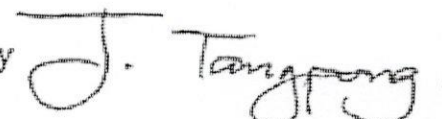
### 11.0 GOVERNMENT OF LAW

This contract shall be governed by the Law of India for the time being in force. IN WITNESS THEREOF the parties hereto have signed, sealed and delivered this Agreement on the Twenty third day of May Two thousand and nineteen in presence of:

Witness

  
Brig (Dr) V. K. Mehta  
Dean  
Sikkim Manipal Institute of Medical Education  
5th Mile, Tadong, Gangtok-737102  
East Sikkim  
Signed by  2019  
For and Behalf of the Sikkim Manipal University  
(SMU)

Witness

Signed by   
For and Behalf of the School of Allied Health Sciences,  
Research Excellence Center for Innovation and Health  
products (RECIHP), Walailak University, Thailand.



**SMU** SIKKIM  
MANIPAL  
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1994, recognised under 2(f) of the UGC Act, 1956

**TMA Pai University Research Seed Grant – Major**

**2020-21**

**Sanction Letter**

1. The University Research Committee (URC) is pleased to offer a sanction letter of Rs.10.00 lacs (one time research grant) for the project titled “A study on the Aspects related with Latent Tuberculosis Infection among the Ethnic Races of Sikkim, India: an ALTER study (focusing on the contact groups)” for period of two years from the date of sanction.
2. Principal Investigator: *Dr. Karma G. Dolma, Ph.D., Associate Professor, Department of Microbiology, SMIMS*

Co-Investigators (Internal):

- a) *Dr. Dechen C. Tshering, MD, Professor, Department of Microbiology, SMIMS*
- b) *Dr. Rinchen Bhutia, Ph.D. Assistant Professor, Department of Biochemistry, SMIMS*
- c) *Ms. Preety Choudhary, M.Sc., Research Assistant, Department of Microbiology, SMIMS*

Co-Investigators (National): *Dr. Tseten Y. Bhutia, State TB Officer/ Additional Director, Dept of Health and Family Welfare, Govt. of Sikkim.*

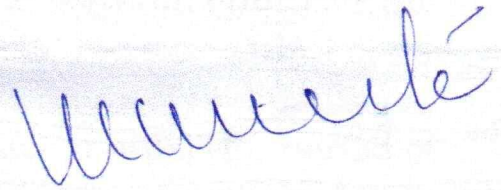
Co – Investigators (International):

- a) *Dr. Maria de Lourdes Pereira, Professor, Habilitation, CICECO-Aveiro Institute of Materials and Department of Medical Sciences, University of Aveiro, 3810-193, Aveiro, Portugal*
- b) *Dr. Chandramathi Samudi Raja, Senior Lecturer, Dept of Medical Microbiology, Faculty of Medicine, University of Malaya, Malaysia.*



c) *Dr. Tooba Mahboob, Research Assistant, Dept of Parasitology,  
Faculty of Medicine, University of Malaya, Malaysia.*

3. Principal Investigator (PI) shall regularly submit the utilization report and present the progress as laid in the SoP of SMU TMA Pai Research Fund Management.



Ref. No.: 176/SMU/REG/TMAPURF/177/2020 Vice Chancellor, SMU

Date: 30 June 2020

