



## MEMORANDUM OF UNDERSTANDING

Dated the 13<sup>th</sup> day of January 2020

between

**INDIAN INSTITUTE OF FOOD PROCESSING TECHNOLOGY, THANJAVUR**

and

**SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY,  
LONGOWAL**

### Principal Agreement

This Memorandum of Agreement between the Indian Institute of Food Processing Technology (IIFPT), Thanjavur and Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, is intended to facilitate a collaborative program of research, skill development, consultancy, institutional development, information dissemination and students in-plant training. The linkage hereby formed shall further strengthen each partner institution's objectives as well as the mutual relationship between the partners.

### About Indian Institute of Food Processing Technology (IIFPT)

Indian Institute of Food Processing Technology is a reputed R&D and educational institution under the Ministry of Food Processing Industries, Government of India. IIFPT offers B. Tech, M. Tech, and Ph. D programs in Food Process Engineering, M. Tech in Food Science and Technology and PhD in Biotechnology. IIFPT has international standard laboratories including: NABL accredited Food Quality and Safety Testing Laboratory which is also FSSAI referral lab; ISO 9000, 14000 and 22000 Certified Food Processing Business Incubation cum Training Centre; AICTE approved Teaching Laboratories and State-of-Art Hi-Tech Food Processing Research Laboratories. The facilities available at IIFPT are effectively explored through offering hands-on trainings, consultancy services, incubation services, quality testing and R&D support for food industry stake holders. Tailor made programmes are offered for promotion of cottage level food industries, especially for farmers and women self-help groups.

In pursuance of its corporate goals, IIFPT has forged strong links with and between the scientific and industrial community in India and abroad. The Institute has formal agreements with major R&D organizations/Universities for collaborative research, student and faculty exchange programs.

### **About Sant Longowal Institute of Engineering & Technology (SLIET)**

Sant Longowal Institute of Engineering & Technology (SLIET), established by the Government of India, provides technical education in emerging areas of Engineering & Technology. It caters to the requirement of technical manpower at various levels by adopting the concept of modular system in imparting technical education with emphasis on practical training in industry. Set up in 1989 under Rajiv - Longowal accord with an aim to fulfill the cherished dreams of Late Sant Harchand Singh Longowal, the Institute has carved for itself a niche place among the professional Institutes and Universities of the country. The Institute is fully funded by Ministry of Human Resource Development, Government of India. The educational programmes of this institute are nonconventional, innovative, practical oriented and contain all aspects of new education policy (1986) of Govt. of India. The Institute offers programmes at Certificate, Diploma, Degree, Post-graduate (M.Tech., MBA and M.Sc.) and Ph.D. level in Science, Humanities, Management, Engineering and Technology.

**Now it is hereby agreed as follows:**

#### ***Article 1. Scope of cooperation***

The scope of MoU covers educational and academic exchanges here to but not limited to:

1. Joint consultancy for Industries;
2. Student Research Projects/ In-plant trainings
3. Coordination of joint research projects and lectures;
4. New product development and incubation services with research institutes and industries.
5. Exchange of documentation and research materials in fields of mutual interest provided that, to the best knowledge of the respective institutions, there is no prohibition at law or otherwise against the exchange.

#### ***Article 2. Mechanism of Implementation***

For the purpose of implementation of this MoU IIFPT will be represented by Director, IIFPT for Thanjavur campus and Officer In-charge of Liaison office IIFPT Bathinda/ Guwahati and SLIET, Longowal, will be represented by Prof. P. S. Panesar, Dean (R&C), and Prof. Kamlesh Prasad, HOD (Food Engineering and Technology).

These representatives may meet as and when necessary to draw plans of action and to review the progress in the implementation of the agreed arrangements as outlined in Article 1.



If necessary, separate subsidiary agreements may be signed for one or more of the activities mentioned in Article 1 for specific details and terms and conditions. All activities under this MoU shall be subject to availability of resources and approval by the competent authorities of the respective organizations.

Details of the implementation of any particular student or faculty-related activity resulting from this Memorandum of Understanding shall be negotiated between the institutions as such specific case may arise and will be outlined in a Supplementary Student Research Agreement or Faculty Research Agreement between the institutions.

### ***Article 3. Financial obligations***

For each activity outlined in Article-1, the extent of financial commitment by the two organizations will be separately negotiated and agreed upon. Supplementary Agreements are subject always to availability of sufficient funds to the respective institutions. Prior to final agreement and the carrying out of any activity arising from this MOU both IIFPT and SLIET, Longowal, must obtain the concurrence in writing of their respective finance / Accounts and Audit Sections.



### ***Article 4. Duration of MoU***

This MoU will come into force on the date of its execution by the authorized signatories from both the institutions. It shall continue in effect for a period of **five years** and may be extended by mutual agreement.

It may be terminated by either institution upon three months written notification to the partner institution. The termination of this MOU shall not affect the implementation of the activities already established under it prior to such termination.

### ***Article 5. Amendments***

This Memorandum of Understanding reflects the respective institutions' commitments to both educational and research exchanges as of the date of the Memorandum of Understanding. This Memorandum of Understanding may be amended or terminated at any time by either party provided that notice of termination or amendment is provided by the notifying party to the other party within thirty (30) days of the date on which the termination or the amendment is intended to become effective. Any amendment or termination shall not have effect on any arrangement in place at the time that the notice is provided, where the arrangement arises from any Supplementary Agreements resulting from this Memorandum of Understanding.

### Article 6. Intellectual Property

Any intellectual property arising out of the implementation of this MoU shall be secured and maintained by mutual consent according to the provisions of the IPR Rules of SLIET, Longowal, and IIFPT, Thanjavur.

### Article 7. Settlement of disputes

Any dispute, conflict of interest or problems arising out from the application or interpretation of this MoU shall be resolved by mutual discussion and in good faith by designated /nominated representatives of both the organizations as mentioned in Article-2.

### Article 8. Legal status

Both institutions subscribe to the policy of equal opportunity and will not discriminate based on gender, age, disability, race, color, religion, marital status, veteran's status, national or ethnic origin, or sexual orientation. Nothing in this MoU shall be construed as creating any legal relationship between the parties. This MoU is a statement of intent to foster genuine and mutually beneficial cooperation.

**IN WITNESS WHEREOF** the parties hereto have executed the **MEMORANDUM OF UNDERSTANDING** as of the date first written above.

For and on behalf of

SANT LONGOWAL INSTITUTE OF ENGG. & TECH.

For and on behalf of

INDIAN INSTITUTE OF FOOD PROCESSING TECHNOLOGY

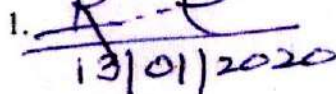
Prof. Shailendra Jain

(Director)

Longowal - 143106, Punjab (India)

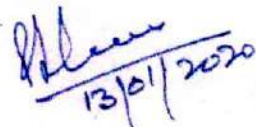
Longowal, Sangrur, Punjab - 143106

Witnesses

1.   
13/01/2020

DR. KAMLESH PRASAD  
PROF & HEAD (FET)

2.

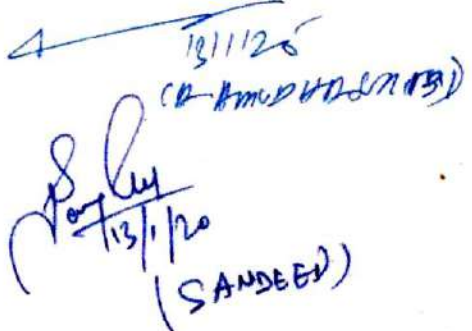
  
13/01/2020

Dr. P.S. PANESAR  
Dean (R & C)

Dr. C. Anandharamakrishnan  
(Director)

Indian Institute of Food Processing Technology  
Ministry of Food Processing Industries, Govt. of India  
Puducherry Road, Thanjavur-613 005, TN.

2.

  
13/1/20  
(SANDEEP)





14

# Erasmus+ Programme

Key Action 1  
- Mobility for learners and staff -  
Higher Education Student and Staff Mobility

## Inter-institutional<sup>1</sup> agreement 2019-27<sup>2</sup> between programme countries

### [Minimum requirements]<sup>3</sup>

The institutions named below agree to cooperate for the exchange of students and/or staff in the context of the Erasmus+ programme. They commit to respect the quality requirements of the Erasmus Charter for Higher Education in all aspects related to the organisation and management of the mobility, in particular the recognition of the credits awarded to students by the partner institution.

### A. Information about higher education institutions

Name of the institution (and department, where relevant)	Erasmus code	Contact details <sup>4</sup> (email, phone)	Website <sup>4</sup> (eg. of the course catalogue)
<b>UNIVERSITY OF WEST ATTICA (UNIWA)</b>  Campus 1 Ag. Spiridonos 28 AIGALEO 12243, Greece  Campus 2 P. Ralli & Thivon 250 AIGALEO 12244, Greece	<b>G EGALEO 02</b>	<b>Associate Prof. Konstantinos-Stefanos NIKAS,</b> ERASMUS+ / ICM Institutional Coordinator, Tel: +30 210 538 1234 e-mail: <a href="mailto:ksnikas@uniwa.gr">ksnikas@uniwa.gr</a>  <b>Fani A. PAPOUTSI</b> <b>Irene - Athena VATOU</b> E+ ICM Administration Officers, Tel: +30 210 538 1185 Fax: +30 210 561 3703	<a href="http://erasmusglobal.uniwa.gr/">http://erasmusglobal.uniwa.gr/</a>

<sup>1</sup> Inter-institutional agreements can be signed by two or more higher education institutions

<sup>2</sup> Higher Education Institutions have to agree on the period of validity of this agreement

<sup>3</sup> Clauses may be added to this template agreement to better reflect the nature of the institutional partnership.

<sup>4</sup> Contact details to reach the senior officer in charge of this agreement and of its possible updates.

*[Handwritten signatures]*

		e-mail: <a href="mailto:erasmus.global@uniwa.gr">erasmus.global@uniwa.gr</a>  <b>Prof. Klimis NTALIANIS,</b> ERASMUS+ / ICM Institutional Representative, e-mail: <a href="mailto:kdal75@gmail.com">kdal75@gmail.com</a>	
<b>SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY (SLIET) LONGOWAL-148106 PUNJAB, INDIA</b>	<b>908338653</b>	<b>Dr. Vinod Kumar Verma</b>  Assistant Professor, Department of Computer Science and Engineering e-mail: <a href="mailto:vinod5881@gmail.com">vinod5881@gmail.com</a>	<a href="http://www.sliet.ac.in">http://www.sliet.ac.in</a>
[...]			

## B. Mobility numbers<sup>5</sup> per academic year

[Paragraph to be added, if the agreement is signed for more than one academic year:

The partners commit to amend the table below in case of changes in the mobility data by no later than the end of January in the preceding academic year.]

FROM [Erasmus code of the sending institution]	TO [Erasmus code of the receiving institution]	Subject area code * [ISCED]	Subject area name *	Study cycle [short cycle, 1 <sup>st</sup> , 2 <sup>nd</sup> or 3 <sup>rd</sup> ] *	Number of student mobility periods  Student Mobility for Studies  Student Mobility for Traineeships *  [total number of months of the study periods or average duration*]	
<b>908338653</b>	<b>G EGALE002</b>	All subject areas	All subject areas	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup>	2 x 4 months	2 x 6 months
<b>G EGALE002</b>	<b>908338653</b>	All subject areas	All subject areas	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup>	2 x 4 months	2 x 6 months

[\*Optional: subject area code & name and study cycle are optional. Inter-institutional agreements are not compulsory for Student Mobility for Traineeships or Staff Mobility for Training. Institutions may agree to cooperate on the organisation of traineeship; in this case they should indicate the number of students that they intend to send to the partner country. Total duration in months/days of the student/staff mobility periods or average duration can be indicated if relevant.]

FROM [Erasmus code of the sending institution]	TO [Erasmus code of the receiving institution]	Subject area code * [ISCED]	Subject area name *	Number of staff mobility periods  Staff Mobility for Teaching  Staff Mobility for Training  [total number of days of	
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<sup>5</sup> Mobility numbers can be given per sending/receiving institutions and per education field (optional\*:  
<http://www.uis.unesco.org/Education/Pages/international-standard-classification-of-education.aspx>)



teaching periods or average duration*]					
					*
908338653	G EGALE002	All subject areas	All subject areas	3 x 5 days	2 x 5 days
G EGALE002	908338653	All subject areas	All subject areas	6 x 5 days	2 x 5 days

### C. Recommended language skills

The sending institution, following agreement with the receiving Institution, is responsible for providing support to its nominated candidates so that they can have the recommended language skills at the start of the study or teaching period:

Receiving institution [Erasmus code]	Optional: Subject area	Language of instruction 1	Language of instruction 2	Recommended language of instruction level <sup>6</sup>	
				Student Mobility for Studies [Minimum recommended level: B1]	Staff Mobility for Teaching [Minimum recommended level: B2]
908338653		ENGLISH	ENGLISH	B2	B2
G EGALE002		GREEK	ENGLISH	B1	B2

For more details on the language of instruction recommendations, see the course catalogue of each institution [Links provided on the first page].

### D. Additional requirements

[To be completed if necessary, other requirements may be added on academic or organisational aspects, e.g. the selection criteria for students and staff; measures for preparing, receiving and integrating mobile students and/or staff]

[Please specify whether the institutions have the infrastructure to welcome students and staff with disabilities.]

### E. Calendar

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

Receiving institution [Erasmus code]	Autumn term* [month]	Spring term* [month]
908338653	No Trimester System	No Trimester System
G EGALE002	JUNE 30	NOVEMBER 30

[\* to be adapted in case of a trimester system]

<sup>6</sup>For an easier and consistent understanding of language requirements, use of the Common European Framework of Reference for Languages (CEFR) is recommended, see <http://europass.cedefop.europa.eu/en/resources/european-language-levels-cefr>

2. The receiving institution will send its decision within SIX [6] weeks.
3. A Transcript of Records will be issued by the receiving institution no later than FIVE [5] weeks after the assessment period has finished at the receiving HEI. *[It should normally not exceed five weeks according to the Erasmus Charter for Higher Education guidelines]*
4. Termination of the agreement

*[It is up to the involved institutions to agree on the procedure for modifying or terminating the inter-institutional agreement. However, in the event of unilateral termination, a notice of at least one academic year should be given. This means that a unilateral decision to discontinue the exchanges notified to the other party by 1 September 20XX will only take effect as of 1 September 20XX+1. The termination clauses must include the following disclaimer: "Neither the European Commission nor the National Agencies can be held responsible in case of a conflict."]*

## F. Information

### 1. Grading systems of the institutions

*[It is recommended that receiving institutions provide the statistical distribution of grades according to the descriptions in the ECTS users' guide<sup>7</sup>. A link to a webpage can be enough. The table will facilitate the interpretation of each grade awarded to students and will facilitate the credit transfer by the sending institution.]*

*According to the Institution's studies regulations, grading is in a scale from zero (lower) to ten (higher) and the grade distribution as well as the ECTS scale are as follows:*

ECTS scale		UNIWA scale	SLIET scale Grade	Grade points	Description
<b>F</b>	Fail	0.00 – 4.00	A(+)	10	Outstanding
<b>FX</b>	Fail (Almost passing)	4.00 – 4.99	A	9	Excellent
<b>E</b>	Lowest passing mark	5.00	B (+)	8	Very good
<b>D</b>	Almost good	5.01 – 6.49	B	7	Good
<b>C</b>	Good	6.50 – 7.49	C (+)	6	Average
<b>B</b>	Very Good	7.50 – 8.49	C	5	Below average
<b>A</b>	Excellent	8.50 – 10.0	D	4	Marginal
			E	2	Poor
			F	0	Very poor
			I	--	Incomplete
			S	--	Satisfactory completion
			US	--	Unsatisfactory completion

<sup>7</sup>[http://ec.europa.eu/education/lifelong-learning-policy/ects\\_en.htm](http://ec.europa.eu/education/lifelong-learning-policy/ects_en.htm)



## **2. Visa**

The sending and receiving institutions will provide assistance, when required, in securing visas for incoming and outbound mobile participants; according to the requirements of the Erasmus Charter for Higher Education.

Information and assistance can be provided by the following contact points and information sources:

<b>Institution</b> [Erasmus code]	<b>Contact details</b> (email, phone)	<b>Website for information</b>
<b>G EGALE002</b>	Fani A. PAPOUTSI, Irene – Athena VATOU Tel: +30 210 538 1185 e-mail: <a href="mailto:erasmus.global@uniwa.gr">erasmus.global@uniwa.gr</a>	<a href="http://erasmusglobal.uniwa.gr/">http://erasmusglobal.uniwa.gr/</a>
<b>908338653</b>	Dr. Vinod Kumar Verma Tel: +91 9417927536 e-mail: <a href="mailto:Vinod5881@gmail.com">Vinod5881@gmail.com</a>	<a href="http://www.sliet.ac.in/">http://www.sliet.ac.in/</a>

## **3. Insurance**

The sending and receiving institutions will provide assistance in obtaining insurance for incoming and outbound mobile participants, according to the requirements of the Erasmus Charter for Higher Education.

The receiving institution will inform mobile participants of cases in which insurance cover is not automatically provided. Information and assistance can be provided by the following contact points and information sources:

<b>Institution</b> [Erasmus code]	<b>Contact details</b> (email, phone)	<b>Website for information</b>
<b>G EGALE002</b>	Fani A. PAPOUTSI, Irene – Athena VATOU Tel: +30 210 538 1185 e-mail: <a href="mailto:erasmus.global@uniwa.gr">erasmus.global@uniwa.gr</a>	<a href="http://erasmusglobal.uniwa.gr/">http://erasmusglobal.uniwa.gr/</a>
<b>908338653</b>	Dr. Vinod Kumar Verma Tel: +91 9417927536 e-mail: <a href="mailto:Vinod5881@gmail.com">Vinod5881@gmail.com</a>	<a href="http://www.sliet.ac.in/">http://www.sliet.ac.in/</a>

## **4. Housing**


The receiving institution will guide incoming mobile participants in finding accommodation, according to the requirements of the Erasmus Charter for Higher Education.

Information and assistance can be provided by the following persons and information sources:



Institution [Erasmus code]	Contact details (email, phone)	Website for information
<b>G EGALEO02</b>	Fani A. PAPOUTSI, Irene – Athena VATOU Tel: +30 210 538 1185 e-mail: <a href="mailto:erasmus.global@uniwa.gr">erasmus.global@uniwa.gr</a>	<a href="http://erasmusglobal.uniwa.gr/">http://erasmusglobal.uniwa.gr/</a>
<b>908338653</b>	Dr. Vinod Kumar Verma Tel: +91 9417927536 e-mail: <a href="mailto:Vinod5881@gmail.com">Vinod5881@gmail.com</a>	<a href="http://www.sliet.ac.in/">http://www.sliet.ac.in/</a>

**G. SIGNATURES OF THE INSTITUTIONS (legal representatives)**

Institution [Erasmus code]	Name, function	Date	Signature <sup>8</sup>
<b>908338653</b>	<b>Professor Parmjit S. Panesar</b> <b>Dean (Research &amp; Consultancy)</b> Sant longowal Institute of Engineering and Technology Longowal, Punjab, INDIA <a href="mailto:deanrandc@sliet.ac.in">deanrandc@sliet.ac.in</a> <b>अधिष्ठाता (शोध एवं परामर्श)</b> <b>Dean (Research &amp; Consultancy)</b>	13.2.2020	 Sant Longowal Institute of Engg. & Tech. Longowal (Punjab, India)
<b>G EGALEO02</b>	<b>Professor Savvas VASSILIADIS</b> UNIWA Member of the Committee, ERASMUS+ Legal Representative (Institutional Coordinator) <a href="mailto:svas@uniwa.gr">svas@uniwa.gr</a>		



Dr. Vinod Kumar Verma  
Assistant Professor  
Department of Computer Science and Engineering  
Sant Longowal Institute of Engineering and Technology (SLIET)  
Longowal – 148106, Punjab, INDIA

<sup>8</sup>Scanned signatures are accepted





SLIET, Longowal, Longowal – 148106 (Pb)  
(CFTI established by Govt. Of India)



Meritorious School Ghabdan  
Sangrur

## MEMORANDUM OF UNDERSTANDING BETWEEN

**Sant Longowal Institute of Engineering and Technology, Longowal - 148106, District  
Sangrur (Pb.), India**

**AND**

**Meritorious School Ghabdan (Sangrur)**

### Principal Agreement

Sant Longowal Institute of Engineering and Technology, Longowal, Sangrur (Pb.), India (hereinafter referred to as "SLIET, Longowal" and the context so admits includes its successors and assignees) and "Meritorious School Ghabdan, Sangrur" (hereinafter referred to as "MSS" and the context so admits includes its successors and assignees) agree to enter into a Memorandum of Understanding to facilitate staff and students of both the organizations.

**Now it is hereby agreed as follows:**

### **Article 1. Scope of cooperation**

The scope of this MoU covers (Provide the broad list the activities / programs meant to be included. A suggestive list is provided below which can be pruned / modified)

1. **Faculty exchange programme:-** Faculties of both the institutions will visit each other's campus time to time. They will interact with each other for discussing latest trends and current happenings in their respective fields.  
They will share their experience regarding technology and upcoming knowledge.
2. **Student exchange programme:-** Students of Meritorious School Ghabdan Sangrur will visit the campus of 'SLIET' Here, they visit labs of the institution and learn to handle lab equipments. They can also interact with the students of SLIET to know their experiences. Students of SLIET can also come to Meritorious School Ghabdan Sangrur and interact with the school students to motivate for their further studies.
3. **Organizing joint conferences / seminars / workshops / STCs :-** Faculties of both the institutions can jointly organize joint conferences/seminars/workshops etc for the welfare of students. In the events, students of school will understand the scope of their subjects and about further studies in their respective subjects. School students will get an opportunity to interact with the senior professors of SLIET. This will help in clearing their doubts. Professors will boost the students for further studies and knowledge.
4. **Use of each other's infrastructural facilities:-** Faculties of both institutes can use each other's infrastructural facilities like lab, conference hall and classrooms etc for some productive work. They will understand each other's techniques of doing practical work and how to handle scientific equipment's. Latest knowledge will be provided by SLIET faculty to the school lecturers about current happenings and new inventions. School Lecturers can use SLIET 's lab equipment's to show the same to school students. They can also perform practical for understanding of students.

Director/ निदेशक

Sant Longowal Institute of Engg. & Tech  
मन लोंगोवाल इंजीनियरिंग एवं टेक्नोलॉजी

Principal  
Senior Secondary Residential School  
For Meritorious Students



5. **Collaborative research:-** Collaborative research will be done by the both faculties for new innovations and research purpose . They will share their teaching experience with one another, They can do any project work collaboratively. For this purpose they can visit to each other's campus

## **Article 2. Mechanism for implementation**

For the purpose of implementation of this MoU, SLIET, Longowal, will be represented by Dr. P. K. Jain, Prof (M&H), SLIET, and **Meritorious School, Ghabdan, Sangrur** will be represented by Dr. Munish Mohan Sharma, Principal.

These representatives may meet as and when necessary to draw plans of action and to review the progress in the implementation of the agreed arrangements as outlined in Article-1.

If necessary, separate subsidiary agreements may be signed for one or more of the activities mentioned in Article 1 for specific details and terms and conditions. All activities under this MoU shall be subject to availability of resources and approval by the competent authorities of the respective organizations.

## **Article 3. Financial obligations**

For each activity outlined in Article 1 the extent of financial commitment by the two organizations will be separately negotiated and agreed upon. Prior to final agreement and the carrying out of any activity arising from this MOU both SLIET, Longowal, and **Meritorious School Ghabdan Sangrur** must obtain the concurrence in writing of their respective finance / Accounts and Audit Sections.

## **Article 4. Duration of MoU**

This MoU will come into force on the date of its execution by the authorized signatories of SLIET, Longowal, and **Meritorious School, Ghabdan, Sangrur** and shall remain in force for a period of three years and may be renewed upon its expiry with the agreement of both parties. If the MOU remains dormant for three consecutive years, it will be deemed to have lapsed.

Either SLIET, Longowal, or **Meritorious School Ghabdan Sangrur** may terminate the MOU by giving one months' notice in writing to the other party. The termination of this MOU shall not affect the implementation of the activities already established under it prior to such termination.

## **Article 5. Amendments**

This MOU may only be amended by mutual agreement evidenced in writing by a duly authorised representative from both the organizations.

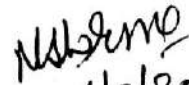
## **Article 6. Intellectual Property**

Any intellectual property arising out of the implementation of this MoU shall be secured and maintained by mutual consent according to the provisions of the IPR rules of SLIET, Longowal, and those of **Meritorious School Ghabdan, Sangrur.**

## **Article 7. Settlement of Disputes**

Any dispute, conflict of interest or problems arising from the application or interpretation of this MoU shall be resolved by mutual discussion and in good faith by the designated representatives of both the organizations as mentioned in Article-2.



  
6/2/2020  
Principal  
Senior Secondary Residential School  
For Meritorious Students  
GHABDAN (Sangrur)



## Article 8. Legal status

Nothing in this MoU shall be construed as creating any legal relationship between the parties. This MoU is, a statement of intent to foster genuine and mutually beneficial cooperation.

Signed this 6<sup>th</sup> day of February, 2020.

On behalf of SLIET, Longowal

(Name) Director/ ਨਿਰਦੇਸ਼ਕ  
Sant Longowal Institute of Engg. & Tech  
(Director / ਨਿਰਦੇਸ਼ਕ) ਸੰਤ ਲੋਗੋਵਾਲ ਐਂਜੀਨੀਅਰਿੰਗ ਅਤੇ ਟੈਕਨੋਲੋਜੀ ਸੰਸਥਾਨ  
Longowal - 143106, Punjab (India)  
Witnesses ਲੋਗੋਵਾਲ, ਸੰਗਰੂਰ, ਪੰਜਾਬ - 143106

For SLIET, Longowal

1. [Signature] 6/2/2020 (Dr A S Arora)  
2. [Signature] 6/2/2020 (Prof. Pande. n. S. ni)

On behalf of Meritorious School, Ghabdan, Sangrur

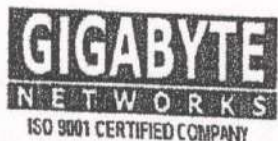
(Name) Principal  
Designation Senior Secondary Residential School  
For Meritorious Students  
GHABDAN (Sangrur)

For Meritorious School, Ghabdan (Sangrur)

1. Jagtaran preet (Lect. Physics)  
2. Manish kumar (Lect. Punjabi)



Sant Longowal Institute of Engineering and  
Technology  
Longowal - 148106, District Sangrur, Punjab,  
India



Gigabyte Networks Pvt. Ltd., Rakh Bagh.,  
Ludhiana-141001, Punjab

## MEMORANDUM OF UNDERSTANDING

BETWEEN

Sant Longowal Institute of Engineering and Technology  
Longowal - 148106, District Sangrur (Pb.), India

AND

Gigabyte Networks Pvt. Ltd., Rakh Bagh., Ludhiana-141001, Punjab

### Principal Agreement

Sant Longowal Institute of Engineering and Technology, Longowal, Sangrur (Pb.), India (hereinafter referred to as "SLIET, Longowal" and the context so admits includes its successors and assignees) and "Gigabyte Networks Pvt. Ltd., Rakh Bagh., Ludhiana-141001, Punjab" and the context so includes its successors and assignees) agree to enter into a Memorandum of Understanding to promote cooperation in the fields of education and academic research.

Now it is hereby agreed as follows:

### Article 1. Scope of cooperation

The scope of this MoU covers:

1. Development of UV/Light technology-based products.
2. Visit and personnel exchanges.
3. Exchange of scientific and technical information.
4. Co-organization of STP/FDP, seminars, symposia and conferences.
5. Other activities as may be agreed upon by the Parties.

### Article 2. Mechanism for implementation

For the purpose of implementation of this MoU SLIET, Longowal, will be represented by Prof. (Dr.) Surinder Singh, Department of Electronics and Communication Engineering and Gigabyte Networks Pvt. Ltd., Rakh Bagh., Ludhiana will be represented by Mr. Sanjay Gupta, CEO of industry.

These representatives may meet as and when necessary to draw plans of action and to review the progress in the implementation of the agreed arrangements as outlined in Article 1.

If necessary, separate subsidiary agreements may be signed for one or more of the activities mentioned in Article 1 for specific details and terms and conditions. All activities under this MoU shall be subject to availability of resources and approval by the competent authorities of the respective organizations.

Sanjay - SLIET

Sanjay Gupta



### Article 3. Financial obligations

For each activity outlined in Article 1, the extent of financial commitment by the two organizations will be separately negotiated and agreed upon. Prior to final agreement and the carrying out of any activity arising from this MoU both SLIET, Longowal and Gigabyte Networks Pvt. Ltd., Rakh Bagh., Ludhiana must obtain the concurrence in writing of their respective finance / Accounts and Audit Sections.

### Article 4. Duration of MoU

This MoU will come into force on the date of its execution by the authorized signatories of SLIET, Longowal and Gigabyte Networks Pvt. Ltd., Rakh Bagh., Ludhiana and shall remain in force for a period of 3 years and may be renewed upon its expiry with the agreement of both parties. If the MoU remains dormant for the consecutive years it will be deemed to have lapsed.

Either SLIET, Longowal or Gigabyte Networks Pvt. Ltd., Rakh Bagh., Ludhiana may terminate the MoU by giving 6 months' notice in writing to the other party. The termination of this MoU shall not affect the implementation of the activities already established under it prior to such termination.

### Article 5. Amendments

This MoU may only be amended by mutual agreement evidenced in writing by a duly authorized representative from both the organizations.

### Article 6. Intellectual Property

Any intellectual property arising out of the implementation of this MoU shall be secured and maintained by mutual consent according to the provisions of the IPR rules of SLIET, Longowal, and those of IAP.RAS.

### Article 7. Settlement of Disputes

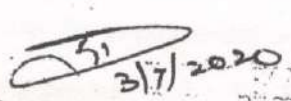
Any dispute, conflict of interest or problems arising from the application or interpretation of this MoU shall be resolved by mutual discussion and in good faith by the designated representatives of both the organizations, as mentioned in Article 2.

### Article 8. Legal status

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

Signed this 03 day of July, 2020.

On behalf of SLIET, Longowal

  
Prof. Shailendra Jain  
Director, SLIET Longowal

On behalf of Gigabyte Networks Pvt. Ltd.  
For GIGABYTE NETWORKS (P) LTD.

  
Director / Mg. Director

Mr. Sanjay Gupta  
CEO, Gigabyte Networks Pvt. Ltd

Gigabyte Networks Pvt. Ltd.

Witnesses:

For SLIET, Longowal

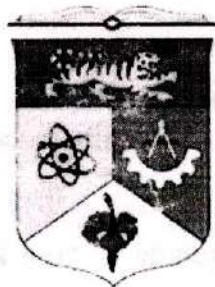
1.   
03/07/20

  
I. PUNEET SAHNI

2. KHUSHPREET KAUR

# MEMORANDUM OF UNDERSTANDING

between



UNIVERSITI  
KEBANGSAAN  
MALAYSIA  

---

*The National University  
of Malaysia*

**UNIVERSITI KEBANGSAAN MALAYSIA**

and



**SANT LONGOWAL INSTITUTE OF ENGINEERING  
AND TECHNOLOGY, INDIA**



**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
UNIVERSITI KEBANGSAAN MALAYSIA  
AND  
SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, INDIA**

**THIS MEMORANDUM OF UNDERSTANDING** is made on this ..... day of ..... 2020

**BETWEEN**

**UNIVERSITI KEBANGSAAN MALAYSIA**, an institution of higher learning established under the Universities and University Colleges Act 1971 [Act 30], and having its address at 43600 UKM Bangi, Selangor Darul Ehsan (hereinafter referred to as "**UKM**"), of the one part;

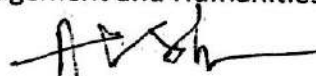
**AND**

**SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY**, a public institute of higher learning and having its address at Longowal-148106, District Sangrur (Punjab) INDIA (hereinafter referred to as "**SLIET**"), of the other part.

**UKM** and **SLIET** shall hereinafter be referred to singularly as "the Party" and jointly as "the Parties".

**WHEREAS:**

- A. **UKM** is one of five research universities in Malaysia with a strategic direction to be the regional leader in academic and research excellence. In taking various initiatives to enhance its academic and research capabilities, **UKM** has established partnerships with various organisations. **UKM**, for the purpose of this Memorandum of Understanding, is being represented by its Institute of Climate Change.
- B. **SLIET**, established by the Government of India, provides technical education in emerging areas of Engineering & Technology. It caters to the requirement of technical manpower at various levels by adopting the concept of modular system in imparting technical education with emphasis on practical training in industry. Set up in 1989 under Rajiv-Longowal accord with an aim to fulfill the cherished dreams of Late Sant Harchand Singh Longowal, the institute has carved for itself a niche place among the professional Institutes and Universities of the country. **SLIET** is fully funded by Ministry of Human Resource Development, Government of India. The educational programmes of this institute are non-conventional, innovative, practical oriented and contain all aspects of new education policy (1986) of Government of India. **SLIET** offers programmes at Certificate, Diploma, Degree, Post-graduate (M.Tech., MBA and M.Sc.) and Ph.D. levels in Science, Technology, Management and Humanities.



- C. The Parties are desirous of entering into this Memorandum of Understanding to declare their respective intentions and to establish a basis for cooperation and collaboration that is non-exclusive between the Parties upon the terms as contained herein.
- D. The Parties shall at all times for the common benefit of the Parties agree to use their best endeavour to ensure the success of this Memorandum of Understanding.

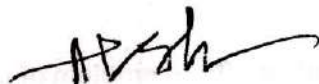
**NOW THE PARTIES HEREBY AGREE AS FOLLOWS:**

**ARTICLE 1  
SCOPE OF COOPERATION**

- 1.1 The Parties, subject to the terms of this Memorandum of Understanding and the laws, rules and regulations from time to time in force, will endeavour to strengthen, promote and develop academic, research, institutional development and capacity building skills between the Parties on a non-exclusive basis, and on the basis of equality and mutual benefit.
- 1.2 Each Party will endeavour to take necessary steps to encourage and develop academic exchange in the areas of education and research and as agreed upon in the list of activities as set out in **Appendix A** of this Memorandum of Understanding based on principles of equality and reciprocity of mutual benefits.
- 1.3 The Parties agree that the list of activities attached in **Appendix A** and the list of Faculties involved under the implementation of this Memorandum of Understanding may be added from time to time with the mutual agreement of the Parties.

**ARTICLE 2  
IMPLEMENTATION AND ADMINISTRATIVE COORDINATORS**

- 2.1 The Parties agree to appoint from each Party an overall Administrative Coordinator for the administration of this Memorandum of Understanding. The Administrative Coordinators will serve as the contact persons, being responsible for ensuring that necessary approvals are in place to carry out the activities, and overseeing the implementation of the decisions and programmes pursuant to the scope of this Memorandum of Understanding as set out in Article 1.
- 2.2 In order to enable planning and implementation of the activities/programmes listed in **Appendix A**, regular meetings, mutual visits and workshops between both Parties will be conducted.

A handwritten signature in black ink, appearing to be 'A. V. S. H.', is written over the bottom of the text in item 2.2.



**ARTICLE 3**  
**FINANCIAL ARRANGEMENT**

- 3.1 This Memorandum of Understanding will not give rise to any financial obligation by one Party to the other and each Party will bear its own cost and expenses in relation to the activities under this Memorandum of Understanding.
- 3.2 Notwithstanding the provision of sub-article 3.1, the Parties agree to discuss and further negotiate before implementing any specific programme(s) and/or project(s) on specific budget.
- 3.3 Any intellectual property derived pursuant to collaborative research conducted under this Memorandum of Understanding or any contracts pertaining to fee for services rendered will be discussed and agreed upon prior to the initiation or commencement of the collaborative research or services rendered and on a case-by-case basis under separate agreements.

**ARTICLE 4**  
**PROTECTION OF INTELLECTUAL PROPERTY RIGHTS**

- 4.1 The protection of intellectual property rights shall be enforced in conformity with the respective national laws, rules and regulations, policies and procedures of the Parties and with other international agreements signed by the government or the authorised organisation.
- 4.2 Notwithstanding anything in sub-article 4.1 above, the intellectual property rights in respect of any technological development, carried out:
- i. jointly by the Parties, or research results obtained through the joint activity effort of the Parties, shall be jointly owned by the Parties in accordance with the terms to be mutually agreed upon;
  - ii. solely and separately by **UKM** or **SLIET**, or research results obtained through the sole and separate effort of **UKM** or **SLIET**, as the case may be, shall be solely owned by the Party concerned; and
  - iii. developed by students in the course of exchanges, collaborative or research activities shall be dealt in accordance with the rules and regulations of the Parties.
- 4.3 The Parties shall acknowledge one another on any form of writing, publication or presentation based on or derived from the collaborative research between the Parties.
- 4.4 The use of the name, logo and/or official emblem of any of the Parties as the case may be, on any publication, document and/or paper is prohibited without the prior written approval of either Party.



**ARTICLE 5**  
**EFFECT OF MEMORANDUM OF UNDERSTANDING**

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

**ARTICLE 6**  
**REVISION, MODIFICATION AND AMENDMENT**

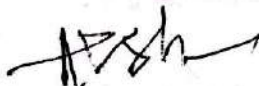
- 6.1 Either Party may request in writing a revision, modification or amendment of all or any part of this Memorandum of Understanding.
- 6.2 Any revision, modification or amendment agreed to by the Parties shall be in writing and shall form part of this Memorandum of Understanding.
- 6.3 Such revision, modification or amendment shall come into force on such date as may be determined by the Parties by mutual agreement.
- 6.4 Any revision, modification or amendment shall not prejudice the rights and obligations arising from or based on this Memorandum of Understanding before or up to the date of such revision, modification or amendment.

**ARTICLE 7**  
**SUSPENSION**

Each Party reserves the right for reasons of national security, national interest, public order or public health to suspend temporarily, either in whole or in part, the implementation of this Memorandum of Understanding in which suspension shall take effect immediately after written notification has been given to the other Party.

**ARTICLE 8**  
**SETTLEMENT OF DISPUTES**

Any difference or dispute between the Parties concerning the interpretation and/or application of any of the provision of this Memorandum of Understanding shall be settled amicably through mutual consultation and/or negotiations between the Parties without reference to any third party.





**ARTICLE 9**  
**DURATION AND TERMINATION**

- 9.1 This Memorandum of Understanding shall come into force on the date of signing and shall remain in force for a period of five (5) years from the date of this Memorandum of Understanding subject however to annual review and modification as mutually agreed upon.
- 9.2 Thereafter, if the Parties hereto wish to extend the terms of this Memorandum of Understanding, they shall do so by an express covenant in writing upon terms and conditions to be mutually agreed upon.
- 9.3 Notwithstanding anything in this Article, either Party may terminate this Memorandum of Understanding by notifying the other Party to its intention to terminate this Memorandum of Understanding by a notice in writing, at least three (3) months prior to its termination date. Termination shall be without penalty.
- 9.4 Such notice of termination does not affect any prior obligation, project programme or activity already in progress.

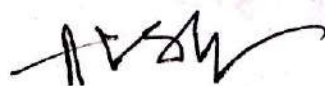
**ARTICLE 10**  
**NOTICES**

Any communications under this Memorandum of Understanding will be in writing in the English or Malay language and delivered by registered mail to the address or sent to the electronic mail address or facsimile number of UKM or SLIET, as the case may be, shown below or to such other address or electronic mail address or facsimile number as either Party may have notified the sender and shall, unless otherwise provided herein, be deemed to be duly given or made when delivered to the recipient at such address or electronic mail address or facsimile number which is duly acknowledged:

**To UKM:**

Director  
Institute of Climate Change  
Universiti Kebangsaan Malaysia  
43600 UKM Bangi  
Selangor Darul Ehsan  
MALAYSIA

Telephone : +603-8921 6771 / 6772  
Facsimile : +603-8921 6098  
E-mail : pghikp@ukm.edu.my



To SLIET:

Head  
Deptt. of Electronics & Communication Engineering  
Sant Longowal Institute of Engineering and Technology  
Longowal-148106, District Sangrur, Punjab  
INDIA

Telephone : 01672-253117  
E-mail : marwaha\_anupma@yahoo.co.in

#### **ARTICLE 11 RELATIONSHIP OF THE PARTIES**

- 11.1 The Parties record that it is not their intention that this Memorandum of Understanding creates any partnership, agency or other relationship between them under which either Party might be deemed to be responsible for the acts or omissions of the other Party and this Memorandum of Understanding should not be construed as to render the Parties liable as partners or as creating any partnership, agency or other similar relationship.
- 11.2 Notwithstanding anything in this Memorandum of Understanding, a Party shall at no time underwrite or guarantee or be in any way directly or indirectly responsible or deemed to be responsible for all or any of the debts, liabilities or obligations incurred by the other Party from time to time.

#### **ARTICLE 12 FORCE MAJEURE**

No Party hereto shall be held responsible or liable or be deemed to be in default or in breach of this Memorandum of Understanding for its delay, failure or inability to meet any of its obligations under this Memorandum of Understanding (other than any obligation to pay money) caused by or arising from any cause which is unavoidable or beyond the reasonable control of such party, including war, warlike operations, riot, insurrection, orders of government, strikes, lockouts, public health emergencies, quarantines, disturbances or any act of God or other cause which frustrates the performance of this Memorandum of Understanding.

#### **ARTICLE 13 CONFIDENTIALITY**

The Parties acknowledge that information of a confidential nature may be exchanged in the course of discussions undertaken pursuant to this Memorandum of Understanding and each Party hereby agree not to disclose any confidential matter which may be come into its knowledge or possession.





**ARTICLE 14**  
**GENERAL**

- 14.1 Any provisions of this Memorandum of Understanding which are held to be illegal or otherwise in conflict with any laws, statutes or regulations shall be deemed to be severed from the remainder of the Memorandum of Understanding and the validity of the remaining provisions shall not be affected.
- 14.2 Neither Party will make false or misleading representations or statements in relation to this Memorandum of Understanding and the activities.
- 14.3 Both Parties subscribe to the policy of equal opportunity and will not discriminate based on gender, age, disability, race, color, religion, martial status, veteran's status, national or ethnic origin or sexual orientation.
- 14.4 Neither Party to this Memorandum of Understanding shall assign or purport to assign any right under this Memorandum of Understanding without the prior written consent of the other Party.
- 14.5 The Parties hereby confirm their express agreement that this Memorandum of Understanding and all documents directly or indirectly related thereto be drawn up in English.
- 14.6 Each of the Parties hereto confirms its intention to promote the best interests of the Parties hereto and to consult fully on all matters materially affecting the areas of cooperation. Each of the Parties hereto shall act in good faith towards the other Party in order to promote the success of the contemplated cooperation.

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## **APPENDIX A**

### **THE LIST OF PROPOSED ACTIVITIES BETWEEN UNIVERSITI KEBANGSAAN MALAYSIA AND SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, INDIA**

Based upon principles of international educational exchange (on a non-exclusive basis, mutual respect and benefit, cooperation, collaboration, and understanding), Universiti Kebangsaan Malaysia and Sant Longowal Institute of Engineering and Technology agree to explore the following collaborative activities:

- a) Development and Submission of Joint Research Projects;
- b) Joint Publications;
- c) Organization of joint scientific events such as conferences, seminars, symposia, workshops and courses;
- d) Exchange of Faculty and Staff; and
- e) Any area of cooperation to be mutually agreed upon by the Parties.

#### **Terms of cooperation**

The terms of cooperation for each specific activity implemented under this Memorandum of Understanding shall be mutually discussed and agreed upon by both Parties prior to the initiation of that activity.

The list of activities is not exhaustive and may be added from time to time with the mutual agreement of the Parties.

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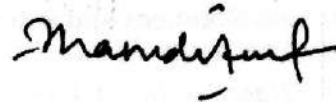
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**IN WITNESS WHEREOF**, the undersigned being duly authorised thereto, have signed this Memorandum of Understanding on the day and year first above written.

Signed for and on behalf  
**UNIVERSITI KEBANGSAAN MALAYSIA:**

**PROF. DATO' IR. DR. MOHD. HAMDI ABD. SHUKOR** ]  
Vice-Chancellor ]  
Universiti Kebangsaan Malaysia ]



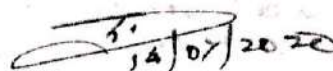
In the presence of:

**PROF. DR. MOHD. NIZAM MOHD. SAID** ]  
Director ]  
Institute of Climate Change ]  
Universiti Kebangsaan Malaysia ]

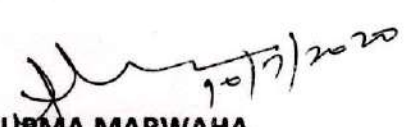


Signed for and on behalf  
**SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, INDIA:**

**PROF. SHAILENDRA JAIN** ]  
Director ]  
Sant Longowal Institute of Engineering ]  
and Technology ]



In the presence of:

  
**PROF. ANUPMA MARWAHA** ]  
Head ]  
Deptt. of Electronics & Communication Engineering ]  
Sant Longowal Institute of Engineering ]  
and Technology ]

