



संत लौंगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान,
लौंगोवाल, जिला-संगरूर, पंजाब-148106
(भारत सरकार, मा.स.वि.म. के अधीन समविश्वविद्यालय)
Sant Longowal Institute of Engineering and Technology
Longowal, District-Sangrur, Punjab - 148106
(Deemed-to-be-University under MHRD, Government of India)


संदर्भ सं/Ref. No. SLIET/REG/18/4807-13

दिनांक/Date: 08.01.2019

- 01 Dean (Academics)
- ✓ 02 Dean (R&C)
- 03 HoD (EIE)
- 04 HoD (Physics)
- 05 Dr. A.S. Dhaliwal, Professor (Physics)
- 06 Dr. Ashwani Kumar Aggarwal, AP (EIE)

Subject: Memorandum of Understanding signed between SLIET and Homi Bhabha Cancer Hospital (HBCH Tata Memorial Centre), Sangrur, Punjab.

Please find enclosed herewith a copy of the Memorandum of Understanding (MoU) signed between SLIET and Homi Bhabha Cancer Hospital (HBCH Tata Memorial Centre), Sangrur, Punjab for information and further necessary action.


Registrar (Officiating) 8/1/19

Copy to :-

- 01. Director for kind information

File
H. K. Singh
15.01.19

दूरभाष सं०.	01672-253100, 115, 151	फैक्स सं०.	01672-280057
PHONE NO.	01672-253100, 115, 151	FAX NO.	01672-280057

"PROUD TO BE PART OF TEAM SLIET"

"TOGETHER WE CAN MAKE A DIFFERENCE"



महाराष्ट्र MAHARASHTRA

2018

UG 721037

प्रधान मुद्रांक कार्यालय, मुंबई
प.मु.वि.क. ८०००००९
28 DEC 2018
सक्षम अधिकारी



SLIET, Longowal
(CFT) - Established by Govt. of India



A Grant-in-Aid Institution Under
Department of Atomic Energy, Govt. of India.

MEMORANDUM OF UNDERSTANDING

BETWEEN

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

AND

Homi Bhabha Cancer Hospital (HBCH Tata Memorial Centre)
Sangrur (Punjab) India

Principal Agreement

Sant Longowal Institute of Engineering and Technology, Longowal, Sangrur (Punjab) India (hereinafter referred to as "SLIET, Longowal" and the context so admits includes its successors and assignees) and Homi Bhabha Cancer Hospital (HBCH Tata Memorial Centre), Sangrur (Punjab) India to as "HBCH Tata Memorial

Centre, Sangrur" and the context so admits includes its successors and assignees) agree to enter into a Memorandum of Understanding to facilitate taking initiatives to start the Teaching, Research and Consultancy Collaboration.

Now it is hereby agreed as follows:

Article 1. Scope of cooperation

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

1. Homi Bhabha Cancer Hospital (HBCH – Tata Memorial Centre), Sangrur can offer summer / winter internship for the students of Electrical, Instrumentation and Physics departments of SLIET, Longowal
2. 2-3 students of M. Sc. (Physics programme) can be considered for offering M. Sc. (Honors) in Medical Physics by teaching courses of deficiency
3. B. Sc. Students of HBCH – Tata Memorial Centre, Sangrur, can also opt for laboratory experiments and internship with Electrical, Instrumentation and Physics Departments of SLIET, Longowal
4. Possibilities may be explored to modify the course curriculum of Certificate Course of relevant specialization in consultation with HBCH – Tata Memorial Centre, Sangrur
5. Possibilities may be explored to start new M. Sc. Course in Medical Physics in association with HBCH Tata Memorial Centre, Sangrur, starting from the academic session 2019-20, in affiliation with the applicable regulatory body
6. Possibilities may also be explored to start teaching and R&C collaboration in the area of Medical Images Processing, Radiation Physics etc.
7. Possibilities may also be explored for UG and PG projects thesis / dissertation etc. with mutual consultation.

Article 2. Mechanism for implementation

For the purpose of implementation of this Memorandum of Understanding (MoU), SLIET, Longowal, will be represented by Dr. A. S. Arora, Dean (Academics), HOD (Electrical and Instrumentation Engineering), HOD (Physics), Dr. A. S. Dhaliwal, Prof (Physics) and Dr. Ashwani Kumar Aggarwal, Assistant Professor (Electrical and Instrumentation Engineering) and HBCH Tata Memorial Centre, Sangrur will be represented by Prof. Shripad Banavali, MD (Director; Academics, TMC); Mr. T. Anbumani, Project Coordinator; Dr. Tapas Kumar Dora, Assistant Professor, Radiation Oncology; and Dr. Sankalp Sancheti, Pathologist of HBCH, Sangrur.

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 HBCH – Tata Memorial Centre, Sangrur, must obtain the concurrence, in writing, from 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 HBCH – Tata Memorial Centre, Sangrur, and shall remain in force for a period of five years and may be renewed upon its expiry with the mutual consent of both the organizations. If this MoU remains dormant for three consecutive years, it will be deemed to have been lapsed.

Either SLIET, Longowal, or HBCH – Tata Memorial Centre, Sangrur, may terminate the MoU by giving three 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

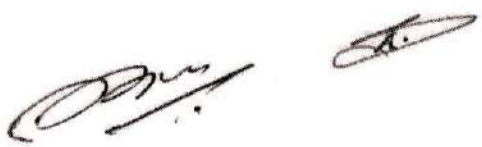
This MoU may only be amended by mutual consent / agreement evidenced in writing by a duly authorized representative (s) from both the organizations.

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 HBCH – Tata Memorial Centre, Sangrur.

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 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 07 day of Jan 2019

On behalf of SLIET,
Longowal (Sangrur)

On behalf of HBCH – Tata Memorial Hospital,
Sangrur

(Name) Dr. Shailendra Jain

(Name) Dr. S. D. Banavali

(Director / Nominee)



Designation

Prof. S. D. Banavali
Director - Academics, TMC
Mumbai - 400012.

Witness:

For SLIET, Longowal

1. Itarush Chopra, Registrar

(Name & Designation)

2. Dr. A. S. ARORA
Dean (Acad)

(Name & Designation)

Witness:

For HBCH – Tata Memorial Hospital, Sangrur

1. CT-AR BUNALI
PROJECT CO-ORDINATOR

(Name & Designation)

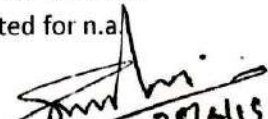
2. Tapas KUMAR JONGA
Asst. Prof. Rad. Onco.

(Name & Designation)

Dispatch No. 933-39
03-07-2019


Subject: Regarding MOU with Institute of Applied Physics-RAS, Nizhny Novgorod, Russia

During the Indo-Russian exchange visit at IAP-RAS undersigned has processed a MOU between SLIET & IAP-RAS. The 05 copies of the MOU are attached herewith for completion. Submitted for n.a.


28/6/19
Prof surinder Singh
SLIET, Longowal

आयुक्त (प्रौद्योगिकी एवं परामर्श) कार्यालय
मोबाइल नं. 9248

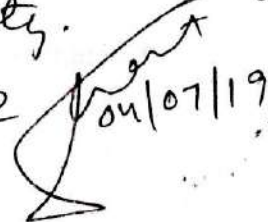
08/7/19


+ (-HOD/ECE) 
28.06.19

(Academics)
for comments
11/7/19

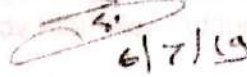
Prof. H. R. Gatak.
FI (Patent cell & MOU)

The document is in order. It is recommended for signature by the competent authority.

112 
04/07/19

Dean (R&C) 
05.07.19

Director

Dean (R&C) 
6/7/19
R for record
FI (Patent cell & MOU)

R/Dean (U)/381
01/07/19
Dispatch No. 163
05-07-2019

SLIET/CHE/PC/63
04/07/19
Dated
17/7/19



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



Federal Research Center
Institute of Applied Physics of the Russian Academy of
Sciences (IAP RAS),
46 Ulyanov Street, Nizhny Novgorod, Russia

MEMORANDUM OF UNDERSTANDING

BETWEEN

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

AND

**Federal Research Center, Institute of Applied Physics of the Russian Academy
of Sciences (IAP RAS), 46 Ulyanov Street, Nizhny Novgorod, Russia**

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 Federal Research Center, Institute of Applied Physics of the Russian Academy of Sciences (hereinafter referred to as "IAP RAS" 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 joint research projects.
2. Visit and personnel exchanges (faculty members, research scientists, and students).
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 IAP RAS, will be represented by (Dr.) Elena Ariashkina, Senior Researcher, (Dr.) Alexey Andrianov (Head of the Laboratory of quantum and nonlinear optics of strongly localized fields), and Prof. (Dr.) Arkady Kim (Head of the Extreme nonlinear optics laboratory).

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 IAP RAS 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 IAP RAS 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 IAP RAS 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.

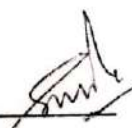
Signed this day of 2019

On behalf of SLIET, Longowal

Prof. Shailendra Jain
Director, SLIET Longowal
Witnesses:

For SLIET, Longowal

1. Prof. Surinder Singh



On behalf of IAP RAS

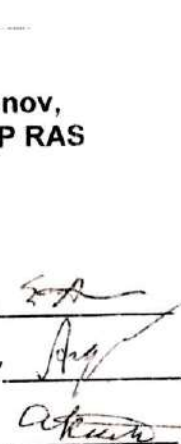
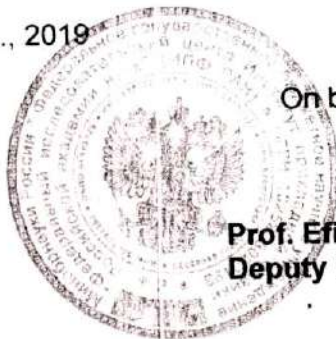
Prof. Efim A. Khazanov,
Deputy Director, IAP RAS

For IAP RAS

1. Dr. Elena Anashkina

2. Dr. Alexey Andrianov

3. Prof. Arkady Kim



②

Memorandum of Understanding (MoU)

This Memorandum of Understanding (MoU) is made between:

- (a) Atal Bihari Vajpayee Govt. Institute of Engineering & Technology, Pragatinagar Shimla
and
(b) Sant Longowal Institute of Engineering and Technology, Longowal, Sangrur (Punjab).

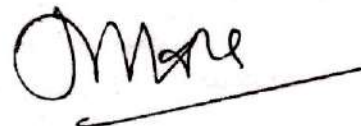
Sant Longowal Institute of Engineering and Technology, Longowal, Sangrur (Punjab) India (hereinafter referred to as "SLIET, Longowal") and Atal Bihari Vajpayee Govt. Institute of Engineering & Technology, Pragatinagar, Shimla (H.P) India (hereinafter referred to as "ABVGIET, Pragatinagar") are Govt. funded institutions in higher and technical education in the country. To promote academic and Research Co-operation and the development of these two institutions as center of excellence of higher education and technical education and scientific research, the two institutions agree to the following broad term of co-operation:

1. Within fields that are mutually acceptable, the parties intend to pursue the following general form of cooperation:
 - (I) Exchange of scientific and technical information.
 - (II) Visits by and exchange of students for the purpose of study and research.
 - (III) Visits by and interchange of staff for the purpose of research, teaching and discussion.
 - (IV) Exchange of information including, but not limited to, exchange of library material and research publication.
 - (V) Joint research activities.
 - (VI) Joint course development delivery.
 - (VII) Joint supervision of Undergraduate, Postgraduate and Ph.D. students
 - (VIII) Undertaking collaborative research activities through participation in nationally and internationally funded projects.
 - (IX) Jointly organized events such as seminars, workshops, conferences and training programs.
 - (X) Jointly work together for conducting Faculty Development programs.

- (XI) Any other objective as agreed upon in writing by both the institutions
 - (XII) Training of students of both institutions as per the facilities and resource available.
 - (XIII) Assisting ABVGIET, Pragatinagar students in campus placement.
2. Both parties acknowledge and understand that all the financial agreements, if any, will be subjected to prior written agreement and the availability of the funds for each activity/project undertaken.
 3. The MoU remains in place for the period of five years from the date of signing of the agreement and may be renewed for a further period of five years or such time period as agreed both the parties in writing.
 4. No party shall have the right to use the name and logo of other party in writing.
 5. The term of this MoU may be modified/amended at any time subject to mutual written agreement. Such modification/changes shall be effective from the date on which both the parties execute them in writing.
 6. The MoU may be terminated by either party by giving three months written notice. In the event of termination, both parties shall ensure that the interests of the students working/projects under this MoU are safeguarded to the extent possible.

Responsibilities of parties:

- (i) Both parties mutually agree to identify various areas of interest and depute faculty/staff as per the requirements with their mutual consent.
- (ii) The inviting institution shall meet the travelling expenditure and any honorarium/ remuneration as may be applicable.
- (iii) The inviting institution shall make necessary lodging and boarding arrangements for the deputed person.
- (iv) Both the institution shall identify faculty for accomplishing the above laid down objectives.
- (v) Each party shall attempt to make such faculty available as and when required. Such identified faculty may be given Visiting or Adjunct Faculty appointments in accordance with the norms and procedure of the host institution.
- (vi) Both the institutions shall organize regular faculty interaction/meets to promote research interactional collaboration among their faculty members. These



meets may be organized for entire institute or specific to any department or school as per mutual convenience.

- (vii) Every individual research collaboration will have separate agreement/terms of contract that addresses issues such as intellectual Properties (IPR), funding pattern disclosure of confidential information etc.
- (viii) Either of the party to the MoU shall not disclose the information of any matter under research etc. to the third party during the term of MoU without the written consent of the other parties. In case of default, the second party shall have the right to terminate or send the notice to the party disclosing the secret information.
- (ix) In the event of any dispute or difference that arising in the implementation of the MoU, such disputes shall be resolved amicably by mutual discussions by the Directors of both the institution.
- (x) The MOU will be co-ordinated by one designated official each from both sides. Presently, the two officials identified are ;

(1) Associate Dean (Academic Planning, SLIET) – presently Dr. R. K. Saxena

(2) Officer Incharge (Academics, ABVG IET, Shimla) – presently Mr. Ajit Thakur

All such decisions shall take into account the status of the students working/Projects under this arrangement and interest of such students/projects shall be guarded as much as possible. Now, based on the aforementioned promise(s) the parties put their signatures on this MoU on **22nd August, 2019**.

(Name) *Prof. Shailendra Jain*

[Signature]
22/8/19
Director
SLIET, Longowal, Punjab.

[Signature]
22/8/19
Director/Principal
Sant Longowal Institute of Engg. & Tech
Longowal - 148106, Punjab (India)

Witnesses:
1. *[Signature]*
22/8/19
Dr. A. S. ARORA
Dean (A), SLIET

2. *[Signature]*
22/8/19
Dr. R. K. MURHAR
Head (T&P)

(Name) *Prof. M. K. Jha*

[Signature]
22/8/2019
Director/Principal
ABVG IET, Pragati Nagar, Shimla
(H.P.)
ABVG IET, Pragati Nagar
Distt. Shimla HP 171202

Witnesses:

1. *[Signature]*
22/8/2019
S. N. Singh ABVG IET Pragati Nagar
22/8/2019

2. *[Signature]*
22/8/2019
Pranendra Singh
Instructor Electronics



9

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

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.



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

Signed this 6th day of February, 2020.

On behalf of SLIET, Longowal

On behalf of Meritorious School, Ghabdan, Sangrur

(Name) Director/ निदेशक
Sant Longowal Institute of Engg. & Tech
(Director / Nominee) ਸੰਤ ਲੋਗੋਵਾਲ ਐਂਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨੋਲੋਜੀਕਲ ਸਕੂਲ
Longowal - 148106, Punjab (India)
Witnesses ਗੋਗੋਵਾਲ, ਸੰਗਰੂਰ, ਪੰਜਾਬ - 148106

For SLIET, Longowal

1. [Signature] 6/2/2020 (Dr A S Arora)
2. [Signature] 6/2/2020 (Prof. Pandey. n. T. m)

(Name) [Signature]
6/2/2020
Designation Principal
Senior Secondary Residential School
For Meritorious Students
GHABDAN (Sangrur)

For Meritorious School, Ghabdan (Sangrur)

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

Memorandum of Understanding (MOU)

Mentoring Relationship

SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY (SLIET)

&

Meritorious school, Sangrur

1. Meritorious School, Sangrur functions under the 'Society of Quality Education for Poor and Meritorious Students of Punjab'. These schools are fully Co-Educational residential school for 10+1 and 10+2 Classes meant for children who have studied in Govt school. The intake capacity of the school is 1000 with 60:40 ratios of girl and boys. The society provides total free education including boarding and lodging and is fully funded by the Punjab Govt.

2. We, the mentor and mentee are both voluntarily entering into this mentoring relationship and have mutually agreed upon the terms and conditions of our relationship as outlined below. It is anticipated that specific goal of the mentoring relationship will develop and evolve over time. Below are some examples of areas where in the mentor may provide advice, assistance and encouragement. Mentoring relationship may be modified as the relationship moves forward.

3. Teaching

- a) Discussing ways to enhance teaching skill.
- b) Identifying opportunities, resources and workshops for skill development.
- c) Providing feedback on student's class evaluations and other presentations.
- d) Refresher course for professional growth.
- e) Practical Knowledge of various streams (Science and Commerce) through seminars in school for both teachers and students.

4. Professional Development

- a) Assisting by identifying professional associations and conferences.

- b) Nominate mentee for awards that are appropriate for their fields, work and career level where essential.
- c) Referring mentee to skill development workshops and resources as needed.

5. Balancing work and life.

- a) Provide general advice on balancing work and non-work activities.
- b) Inform mentee of university resource available to promote individuals all round development.
- c) Invite/encourage to join house professional and non-professional activities.

6. Networking: - Linking the mentee with potential collaborators and leaders within the SLIET.

7. Accountability

Although the mentor may provide advice in many areas, it is the responsibility of the mentee to develop and achieve specific goals to meet the standards for productivity and promotion. This mentoring relationship is being promoted with the overall concurrence of the Meritorious Society, S.A.S. Nagar.

8. Frequency of contact and Documentation

Effort would be to meet at least two to three times in a year and record of the meeting will be maintained with the issues/ age discussed.

9. Confidentiality

Any sensitive topics that are discussed will be held in the highest confidence.

10. Students Welfare

- a) To promote and enhance academic interest of students through counselling.
- b) For bright students (90 % and above in 10+2 PSEB) fee concession and hostel subsidy be looked into towards the deserving.

- c) Familiarization visit of students to SLIET campus with aim to encourage undertaking higher studies and availability of course.

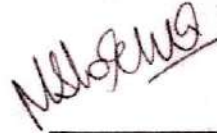
11. Termination of MOU

We are committed to open and honest communication in our relationship. We will discuss and attempt to provide maximum mentor support so as to provide maximum benefits to Meritorious School, Sangrur in all round holistic development of the school and the teacher in particular. We have time stipulation. However, MOU may be terminated any time by either party.



(Capt. Jion Singh)

REGISTRAR



Principal (Dr. Munish Mohan Sharma)
Senior Secondary Residential School
For Meritorious Students
GHABDAN (Sangrur)

Principal,

Govt. Sr. Sec. Residential School for
Meritorious Students

SLIET, Longowal, Longowal - 148106 (Pb)
(CFTI - Established by Govt. of India)



GURU NANAK DEV UNIVERSITY
AMRITSAR

MEMORANDUM OF UNDERSTANDING

BETWEEN

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

AND

**GURU NANAK DEV UNIVERSITY
AMRITSAR (Punjab) India**

Principal Agreement

Sant Longowal Institute of Engineering and Technology, Longowal, Sangrur (Punjab) India (hereinafter referred to as "SLIET, Longowal" and the context so admits includes its successors and assignees) and Guru Nanak Dev University, Amritsar, (Punjab) India to as "GNDU, Amritsar" and the context so admits includes its successors and assignees) agree to enter into a Memorandum of Understanding to facilitate while taking initiatives to start the Teaching and Research Collaboration with the GNDU, Amritsar
Now it is hereby agreed as follows:

Article 1. Scope of cooperation

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

1. GNDU, Amritsar can offer summer / winter internship for the students of SLIET, Longowal
2. Undergraduate Students of GNDU, Amritsar can also opt for laboratory experiments and internship with respective Departments of SLIET, Longowal.
3. Possibilities may be explored to modify the course curriculum of various Courses of relevant specialization in consultation with GNDU, Amritsar.
4. Possibilities may also be explored to start teaching and R&C collaboration in the area of Food Technology/Processing etc.
5. Possibilities may also be explored for UG and PG projects thesis / dissertation etc. with mutual consultation.

Article 2. Mechanism for implementation

For the purpose of implementation of this Memorandum of Understanding (MOU), SLIET, Longowal, will be represented by Dr. A. S. Arora, Dean (Academics), HOD (Food Engineering and Technology) and Prof. Sukhcham Singh and GNDU, Amritsar will be represented by Dr. D.S. Sogi, Professor (Food Science 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.

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 GNDU, Amritsar, must obtain the concurrence, in writing, from their respective Finance / Accounts and Audit Sections. GST and other Levies will be applicable as per rules.

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 GNDU, Amritsar, and shall remain in force for a period of five years and may be renewed upon its expiry with the mutual consent of both the organizations. If this MOU remains dormant for three consecutive years, it will be deemed to have been lapsed.

Either SLIET, Longowal, or GNDU, Amritsar, may terminate the MOU by giving three 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 consent / agreement evidenced in writing by a duly authorised representative (s) from both the organizations.

Article 6. Intellectual Property

Any intellectual property arising out of the implementation of this MoU shall be jointly owned by both the institutes.

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 the designated representatives of both the organizations as mentioned in Article 2. Any unresolved matter will be referred to Vice Chancellor, GNDU, Amritsar and Director SLIET, Longowal and an independent arbitrator involved with the mutual consent in accordance with the Arbitration and Conciliation Act 1996 and rules framed thereat. The decision of the arbitrator shall be final and binding on both the parties.

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 26th day of SEPT, 2019

On behalf of SLIET, Longowal (Sangrur)

On behalf of GNDU, Amritsar

(Name) CAJAT SHATRU ARORA

(Name)

Registrar

Guru Nanak Dev University,

Amritsar. 141001

(Director / Headline)

Sam Longowal Institute of Engg. & Tech

Longowal - 141001, Punjab (India)

Witness: [Signature] [Signature] [Signature]

For SLIET, Longowal

1. Prof. D.C. Saxena
FET

(Name & Designation)

2. Dr. Charanjit Singh Saini

Prof. FET

(Name & Designation)

Witness:

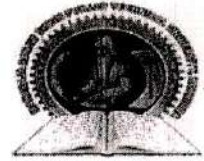
For GNDU, Amritsar

1. [Signature]
Coordinator
University Industry Linkage Programme
Guru Nanak Dev University, Amritsar

2. [Signature]
DARSH SINGH SOGI
PROFESSOR
(Name & Designation)



11



SLIET, Longowal, Longowal – 148106 (Pb)
(CFTI - Established by : Govt. of India)

Maharaja Ranjit Singh Punjab Technical University, BATHINDA
(A State University Established By Govt. of Punjab vide Punjab
Act No. 5 of 2015 and Approved Under Section 2(f) & 12 (B) of
UGC)

MEMORANDUM OF UNDERSTANDING

BETWEEN

**Sant Longowal Institute of Engineering and Technology, Longowal – 148106
District Sangrur (Punjab) India**

AND

**Maharaja Ranjit Singh Punjab Technical University
BATHINDA (Punjab) India**

Principal Agreement

Sant Longowal Institute of Engineering and Technology, Longowal, Sangrur (Punjab) India (hereinafter referred to as "SLIET, Longowal" and the context so admits includes its successors and assignees) and Maharaja Ranjit Singh Punjab Technical University, BATHINDA (Punjab) India to as "MRSPTU, Bathinda" and the context so admits includes its successors and assignees) agree to enter into a Memorandum of Understanding to facilitate while taking initiatives to start the Teaching and Research Collaboration with the MRSPTU, Bathinda.

Now it is hereby agreed as follows:

Article 1. Scope of cooperation

The scope of this MoU covers

1. MRSPTU, Bathinda can offer summer / winter internship for the students of SLIET, Longowal.
2. Undergraduate Students of MRSPTU, Bathinda can also opt for laboratory experiments and internship with respective Departments of SLIET, Longowal.
3. Possibilities may be explored to modify the course curriculum of various Courses of relevant specialization in consultation with MRSPTU, Bathinda.
4. Possibilities may also be explored to start teaching and R&C collaboration in the area of Food Technology/Processing etc.
5. Possibilities may also be explored for UG and PG projects thesis / dissertation etc. with mutual consultation

Article 2. Mechanism for Implementation

For the purpose of implementation of this Memorandum of Understanding (MOU), SLIET, Longowal, will be represented by Dr. A. S. Arora, Dean (Academics), HOD (Food Engineering and Technology) and Prof. D.C. Saxena and MRSPTU, Bathinda will be represented by Dr. Kawaljit Singh Sandhu, HOD (Food Science 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.

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 MRSPTU, Bathinda, must obtain the concurrence, in writing, from 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 MRSPTU, Bathinda, and shall remain in force for a period of five years and may be renewed upon its expiry with the mutual consent of both the organizations. If this MOU remains dormant for three consecutive years, it will be deemed to have been lapsed.

Either SLIET, Longowal, or MRSPTU, Bathinda, may terminate the MOU by giving three 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 consent / agreement evidenced in writing by a duly authorised representative (s) 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 MRSPTU, Bathinda.



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 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 26th day of Sept 2019.

On behalf of SLIET, Longowal (Sangrur)

On behalf of MRSPTU, Bathinda

(Name) AJAT SHATRU ARORA

(Name) PROF. ASHISH BALDI

(Director) 26/9/2019

Designation Registrar

Sant Longowal Institute of Engg. & Tech.

Maharaja Ranjit Singh

संत लॉगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान

Punjab Technical University

Longowal-148106, Punjab (India)

Bathinda (Pb.)

Witness : 148106

Witness :

For SLIET, Longowal

For MRSPTU, Bathinda

1. [Signature]

1. [Signature]

Selheem Lal, Prof (RET)

Prof (Dr) Jasbir S. Hundal,
Dean (R & D)

(Name & Designation) Professor

(Name & Designation)

2. [Signature]

2. [Signature]

Dr. Charanjit Singh Saini, FET


Dr. Kawaljit Singh Sandhu
Associate Professor
Dept. of Food Science
& Technology

(Name & Designation) Assoc Professor

(Name & Designation)



SLIET, Longowal, Longowal - 148106 (Pb)
(CFTI Estd. by Govt. of India)

 **Eastman**[®]
to help you work better...

Eastman Cast & Forge Ltd.
GT Road, Near Airport, Ludhiana-141120 (Pb)

**MEMORANDUM OF UNDERSTANDING
BETWEEN**

**Sant Longowal Institute of Engineering and Technology, Longowal - 148106,
AND**

Eastman Cast & Forge Limited, Ludhiana-141120

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 Eastman Cast & Forge Limited, Ludhiana, Punjab (hereinafter referred to as "ECFL" and the context so admits includes its successors and assignees) agree to enter into a Memorandum of Understanding on Research and Consultancy aspects

Now it is hereby agreed as follows:

Article 1. Scope of cooperation

The MoU involves Research and Consultancy collaboration between SLIET and ECFL in areas of relevance to both the organizations. Accordingly, the two organizations shall seek to promote or facilitate

1. Collaboration in research & development in the areas of (i) Lost cost automation (ii) Electroplating of hand tools.
2. ECFL will offer sponsorship to SLIET Research Scholars (02 Numbers) regarding research in the area of mutual interests for both the organizations. The work place of the Ph.D. research scholars will be ECFL Ludhiana, Punjab.
3. Registration of ECFL industrial staff for Ph.D. degree at SLIET as industry sponsored candidate on the term & conditions outlined by SLIET.
4. Exchange of research material and publications/IPs.
5. Joint publication of research papers in scientific journals of repute and conference presentations, in case when concerned research involved participation from both organization.
6. ECFL will offer summer/winter internships of ICD/UG & PG students on mutually agreed terms & conditions.
7. Sharing of Intellectual Properties (IPs) when developed jointly through project/research collaboration.

Article 2. Mechanism for Implementation

For the purpose of implementation of this MoU, SLIET will be represented by respective supervisor through Dean (R&C) and ECFL will be represented by name of official. 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 at point 2, the fellowship of the research scholars (02) will be provided by ECFL as per the MHRD guidelines/institute norms. The training to the staff of the ECFL at SLIET (if required) will be sponsored by ECFL for the scheduled period. For any activity 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 any activity arising from this MoU, both SLIET and ECFL 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 and ECFL and shall remain in force for a period of 03 years and may be renewed upon its expiry with the agreement of both parties.

Either SLIET or ECFL may terminate the MoU by giving 3 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 and those of ECFL.

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 day of 2019

On behalf of SLIET, Longowal

On behalf of ECFL, Ludhiana

(Name)

(Name) SARVESH SINGH

(Director/ Nominee)

(Chairman/ Nominee) (G M WORKS)

Witnesses:

For SLIET, Longowal

For ECFL, Ludhiana

1. _____

1. AK

2. _____

2. [Signature]