

**MEMORANDUM OF UNDERSTANDING**

**BETWEEN**



**SEMI-CONDUCTOR LABORATORY  
DEPARTMENT OF SPACE, GOVERNMENT OF INDIA  
S.A.S. NAGAR (MOHALI)-PUNJAB**

**AND**



**NATIONAL INSTITUTE OF TECHNOLOGY  
HAMIRPUR (HIMACHAL PRADESH)**

**FOR**

**COLLABORATION ON RESEARCH AND DEVELOPMENT,  
FACULTY AND STUDENT EXCHANGE**

## MEMORANDUM OF UNDERSTANDING

In furtherance of their mutual interest in the fields of education and research and as a contribution towards increased national cooperation, Semi-Conductor Laboratory, Department of Space, Government of India, having its registered address at Sector 72, S.A.S. Nagar – 160071, Punjab, India (hereinafter referred to as SCL) and National Institute of Technology having its registered address at National Institute of Technology, Hamirpur – 177005, Himachal Pradesh, India (hereinafter referred to as NITH) and also staff of NITH means faculty members of NITH and staff of SCL means scientists of SCL, have entered into this Memorandum of Understanding (MOU) on this 19th day of August 2019 as set forth below:

### ARTICLE I

The MOU involves collaboration between SCL and NIT Hamirpur (both also referred to as institutions) in related disciplines.

Both institutions shall seek to promote:

- 1) Exchange of staff and students (Faculty & Research Scholars; Under Graduate, Post Graduate & Doctoral Students and Research Project staff), regarding Academics and Research for the mutual benefit of both institutions.
- 2) Exchange of students for pursuing Courses of Study and Academic Programmes for mutual benefit of both institutions.
- 3) Collaboration in Teaching, Consultancy Activities and Research & Development in the areas of (i) Advanced VLSI Device Fabrication, (ii) MEMS Fabrication, (iii) VLSI Device/MEMS Characterization, (iv) VLSI/CMOS-RF Circuit Design, (v) VLSI Device Modeling and any other area of mutual interest to both NIT Hamirpur and SCL. This also includes collaboration in setting-up and upkeep of the relevant infrastructure in both the institutions.
- 4) Exchange of Academic and Research Material and Publications/IPs while adhering to prevailing copy-right laws.
- 5) Cooperation in Projects and Research Activities of mutual interests.

- 6) Publication of Intellectual Properties (IPs), developed jointly through Project/Research Collaboration. Such IPs would acknowledge joint inventor-ship of Personnel/Students belonging to both the institution, as applicable.
- 7) Joint organization of conferences, workshops, STCs, etc.

## ARTICLE II

The activities under this MOU will include:

### 1) Staff Exchange

Staff Exchange activities cover visits to either institution for any of the following purposes:

- (i) Undertaking Joint Research
- (ii) Attachment of Staff for purposes of Curriculum Development & Review, Attendance in Courses and Upgrading of Teaching & Research Skills
- (iii) Participation in Seminars, Colloquia and other types of academic discussions and exchange of experts.
- (iv) Contributions to Teaching Programmes
- (v) Co-supervision of Post Graduate Students
- (vi) Conduct study tours, joint consultancy and research work
- (vii) Facilitation for pursuing Academic Courses (Post Graduate & Doctoral) for Department of Space/SCL Employees at NIT Hamirpur **as per respective Academic Ordinances of NITH.**

### 2) Student Exchange:

Student Exchange activities (for Post Graduate & Doctoral Students) cover visits to either institution for any of the following purposes:

- (i) Participation in Research, as per mutually agreed research areas.
- (ii) Internships for NIT Hamirpur Students at SCL during summer/winter vacations, as per SCL policy.

### 3) Exchange of Academic Materials:

Exchange of relevant Academic Materials will be carried-out subject to mutual agreement.

### **ARTICLE III**

Implementation of cooperation based on this MOU shall be dealt with between the relevant Faculties and Divisions/Departments of both institutions. Wherever necessary, a specific plan shall be worked-out for each activity setting-forth detailed arrangements for collaboration. Such plans shall be subject to approval of the appropriate authorities of each institution. To facilitate development of such plans, each institution shall nominate a member of its staff to coordinate activities arising under this MOU.

### **ARTICLE IV**

Both institutions agree and undertake to keep confidential at all times, information and/or data that may be exchanged, acquired and/ or shared in connection with the area of cooperation, as mentioned above, unless otherwise the same information already exists in the public domain.

### **ARTICLE V**

Ownership of findings of any joint research shall be vested in both institutions to this MOU and any publications regarding the same shall only be possible after prior approval from both institutions.

### **ARTICLE VI**

The MOU shall remain in force for a period of 10 (Ten) years commencing from the date of signing and may be reviewed by mutual consent by serving 3 (Three) months written notice to the other institution. Upon renewal, both institutions shall select either to proceed with existing or new terms of understanding.

### **ARTICLE VII**

Both SCL and NIT Hamirpur reserve the right to terminate this MOU by giving 3 (Three) months advance written notice to the other. Where such termination occurs, the provisions of this MOU shall continue to apply to ongoing activities until their completion.

### **ARTICLE VIII**

Participating staff and students involved in any activities under this MOU must adhere to the law of the country and the rules & regulations of the host institution.



**ARTICLE IX**

Both institutions welcome the establishment of this MOU for cooperation and jointly agree to provisions as set out above. There are two copies of this MOU equally valid, one for each institution, effective from the date of its signing.

**Semi-Conductor Laboratory**



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**DIRECTOR**

**National Institute of Technology Hamirpur**



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**DIRECTOR**

**Witness (1)**



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**Date:** 19/08/2019

**Witness (2)**



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**Date:** 19-08-2019