



सेमी-कंडक्टर लेबोरेटरी
Semi-Conductor Laboratory

अंतरिक्ष विभाग, भारत सरकार
Department of Space, Government of India

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SCL/PPG/IV/067
December 6, 2018

सेक्टर - 72, सा. अ. सि. नगर - 160 071
Sector 72, S.A.S. Nagar - 160 071
(चण्डीगढ़ के समीप) पंजाब, भारत
(Near Chandigarh) Punjab, India
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Dr. Praveen J.
Dean Academics
ALVA's Institute of Engineering & Technology
Shobhavana Campus, Mijar
Moodbidri - 574 225
Mangalore, Dakshana Kannada, Karnataka, India

Subject : MoU between SCL & AIET

Dear Sir,

Kindly find enclosed herewith a signed copy of Memorandum of Understanding (MoU) between SCL and AIET.

With Regards.

Sanjay Bhatnagar
06/12/18

Sanjay Bhatnagar
Group Head-Project Planning Group
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Encl.a/a.

MEMORANDUM OF UNDERSTANDING

BETWEEN



SEMI-CONDUCTOR LABORATORY

**DEPARTMENT OF SPACE, GOVERNMENT OF INDIA
S.A.S. NAGAR**

AND



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

**SHOBHAVANA CAMPUS, MIJAR, MOODHIDRI - 574225,
MANGALORE, DAKSHANA KANNADA, KARNATAKA, INDIA**

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 increasing national cooperation, Semi-Conductor Laboratory, Department of Space, Government of India, Sector 72, S.A.S. Nagar – 160071, Punjab, India (hereinafter referred to as SCL) and Alva's Institute of Engineering & Technology, Shobhavana Campus, Mijar, Moodbidri – 574225, Mangalore, DK, Karnataka, India (hereinafter referred to as AIET) have entered into this Memorandum of Understanding (MOU) on ..6th.....day of ..Dec....2018 as set forth below:

ARTICLE I

The MOU involves collaboration between SCL and AIET (both also referred to as institution) in related disciplines.

The two institutions shall seek to promote:

1. Exchange of Staff and Students (Faculty & Research Scholars; Under Graduate, Post Graduate & Doctoral Students and Research Project Employees) 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, Research & Development and Consultancy Activities.
4. Exchange of Academic & Research Material and Publications/IPs.
5. Cooperation in Projects and Research Activities of mutual interest.
6. Provision of Cultural and Intellectual enrichment opportunities for the Staff and Students of both institutions.
7. Collaboration in 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 and (v) VLSI Device Modeling at both AIET and SCL. This also includes collaboration in setting-up and upkeep of the relevant infrastructure in both the institutions.
8. Publication of Research Papers in International Scientific Journals and in the Conferences.
9. Exchange of Students for Summer/Winter Internships
10. 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 institutions, as applicable.
11. Writing Books/Booklets jointly in the areas of mutual interest.

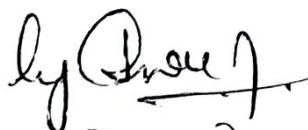
ARTICLE II


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


Dr. Praveen J
Dean Academics.


ग्रुप प्रमुख-परियोजना नियोजन ग्रुप
Group Head-Project Planning Group
सेमी-कंडक्टर लेबोरेटरी
Semi-Conductor Laboratory
अंतरिक्ष विभाग, भारत सरकार
Department of Space, Government of India

- (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
- (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 AIET.

2. Student Exchange:

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

- (i) Participation in Research
- (ii) Internships for AIET Students at SCL

3. Exchange of Academic Materials:

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

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 under this MOU and any publications regarding the same shall only be possible after prior approval from both institutions.

by Praveen

Dr. Praveen. J

by Praveen

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ग्रुप प्रमुख-परियोजना नियोजन ग्रुप
Group Head-Project Planning Group
सर्वोपदेशक, सौराष्ट्र
Senior-Coordinator, Saurashtra
सौराष्ट्र विमानन विभाग, सौराष्ट्र
Department of Aeronautics, Saurashtra

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 the existing or new terms of understanding.

ARTICLE VII

Both the SCL and AIET reserve the right to terminate this MOU by either institution giving 3 (Three) months 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 institutions.

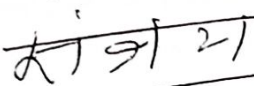
ARTICLE IX

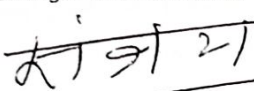
SCL and AIET welcome establishment of this MOU for cooperation and jointly agree to provisions as set out above. There are two copies of this MOU equally valid, one for each institution, effective after its signing by authorized signatories.

Semi-Conductor Laboratory


Alva's Institute of Engineering & Technology

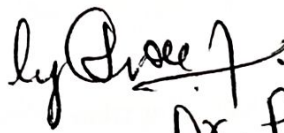

Shri. Surinder Singh
Surinder Singh
Director
Semi-Conductor Laboratory
अंतरिक्ष विभाग, भारत सरकार
Department of Space, Govt. of India
सेक्टर-72, सा.अ.सि. नगर-160071, पंजाब, भारत
Sector-72, S.A.S. Nagar-160071, Punjab, INDIA

Witness 

Date: 
ग्रुप प्रमुख-परियोजना नियोजन ग्रुप
Group Head-Project Planning Group
सेमी-कंडक्टर लेबोरेटरी
Semi-Conductor Laboratory
अंतरिक्ष विभाग, भारत सरकार
Department of Space, Government of India

December 6, 2018


Dr. Peter Fernandes
Principal
Alva's Institute of Engineering & Technology,
Mijar, MOODBIDRI - 574 225, D.K


Dr. Praveen J
Witness **Dean Academics**

Date: 6/12/18



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SCL:HRDD:8001:June.2019:01

September 02, 2019

CERTIFICATE

This is to certify that Ms. Raziya Banu (Enroll. No. 4AL16EC058) B.E.- Electronics & Communication Engineering student of Alva's Institute of Engineering & Technology, Mangalore has completed her Internship Training successfully as part of her B. E. curriculum, on the topic of "Firmware Development of Memory Based Internet Security Gate" from July 15, 2019 to September 02, 2019 at Semi-Conductor Laboratory.

(Ashwani Kumar Tuknayot)

Head-HRDD

अश्वनी कुमार तुकनायत
Ashwani Kumar Tuknayot
प्रमुख-मानव संसाधन विकास प्रभाग
Head-Human Resource Development Division
सेमी - कंडक्टर लेबोरेटरी
Semi-Conductor Laboratory
अंतरिक्ष विभाग, भारत सरकार
Dept. of Space, Government of India
सेक्टर-72, मोहली-160071 (पंजाब)
Sector-72, Mohali-160071 (Punjab)



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SCL:HRDD:8001:June.2019:01

September 02, 2019

CERTIFICATE

This is to certify that Mr. Bhuvanesh M. (Enroll. No. 4AL16EC015) B.E.- Electronics & Communication Engineering student of Alva's Institute of Engineering & Technology, Mangalore has completed his Internship Training successfully as part of his B. E. curriculum, on the topic of **"Firmware Development of Memory Based Internet Security Gate"** from July 15, 2019 to September 02, 2019 at Semi-Conductor Laboratory.

(Ashwani Kumar Tuknayak)

Head-HRDD

अश्वनी कुमार तुकनायक

Ashwani Kumar Tuknayak

प्रमुख-मानव संसाधन विकास प्रभाग

Head-Human Resource Development Division

सेमी – कंडक्टर लेबोरेटरी

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