



**MEMORANDUM OF AGREEMENT
BETWEEN
LASER CENTER
UNIVERSITI TEKNOLOGI MALAYSIA
AND
INTEGRATED LAB
UNIVERSITAS NEGERI MALANG**

**On
Joint Research and Scientific Cooperation**

No. 8.9.1/UN32.35/KS/2025

This Memorandum of Agreement is made on this September 2025.

Between

Laser Center, Univeristi Teknologi Malaysia, representing whose address is at **Ibnu Sina Institute for Scientific & Industrial Research (ISI-SIR), Universiti Teknologi Malaysia, 81310 Johor Bahru, Johor, Malaysia.** and shall include its lawful representatives and permitted assigns, of the one part;

And

INTEGRATED LAB, UNIVERSITAS NEGERI MALANG , representing whose address is at **Jalan Semarang 5 Malang, 65145 Malang Indonesia** and shall include its lawful representatives and permitted assigns, of the second part;

Laser Center and Integrated Lab may be referred to singularly as “the Party” and collectively as “the Parties”.

WHEREAS

- A. Laser Center is an established and competency-based research center that specializes in the fields of laser applications, optics, and photonics which strives to enhance and strengthen its internationalization linkage and has taken various initiatives to complement its educational excellence. Laser Center has entered into various collaborative arrangements with other parties to enhance its academic and research activities.

- B. Integrated Laboratory serves as a centralized laboratory hub supporting education, research, and community service activities within UM and its partner institutions. Equipped with modern facilities and staffed by competent professionals, Integrated Laboratory offers testing, analytical services, and interdisciplinary training across science, engineering, health, and environmental fields. As an academic support unit, Integrated laboratory is committed to becoming an innovative national reference laboratory that is responsive to advances in science and technology, actively producing high-quality research and contributing meaningful impact to societal development.

- C. The Parties are desirous of entering into this Memorandum of Agreement to declare their respective intentions and to establish a basis of co-operation and collaboration between the Parties upon the terms as contained herein.

HAVE REACHED AN AGREEMENT as follows:

ARTICLE I
OBJECTIVE

The Parties, subject to the terms of this Memorandum of Agreement and the laws, rules, regulations and national policies from time to time in force in each Party's country, will endeavor to strengthen, promote and develop particularly in academic and research co-operation between the Parties on the basis of equality and mutual benefit.

ARTICLE II
AREAS OF CO-OPERATION

1. Each Party will, subject to the laws, rules, regulations and national policies from time to time in force, governing the subject matter in their respective countries, endeavor to take necessary steps to encourage and promote co-operation in the following areas: -
 - (a) A research collaboration through:
 - (i) Joint Research
 - (ii) Joint Collaboration
 - (iii) Joint Publication
 - (b) Any other areas of co-operation to be mutually agreed upon by the Parties.
2. For the purpose of implementing the co-operation in respect of any areas stated in paragraph 1, the parties will enter into a legally binding agreement subject to terms and conditions as mutually agreed upon by the Parties including clauses on "confidentiality", "suspension", "protection

of intellectual property rights” and “settlement of dispute” as contained in this Memorandum of Agreement.

ARTICLE III
FINANCIAL ARRANGEMENTS

1. This Memorandum of Agreement will not give rise to any financial obligation by one Party to the other.
2. Each Party will bear its own cost and expenses in relation to this Memorandum of Agreement.

ARTICLE IV
EFFECT OF MEMORANDUM OF AGREEMENT

This Memorandum of Agreement 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 except for Article VII (Protection of Intellectual Property Rights), VIII (Confidentiality), IX (Suspension) and X (Settlement of Dispute) which are legally binding.

ARTICLE V
NO AGENCY

Nothing contained herein is to be construed so as to constitute a joint venture partnership or formal business organization of any kind between the Parties or so to constitute either Party as the agent of the other.

ARTICLE VI
ENTRY INTO EFFECT AND DURATION

1. This Memorandum of Agreement will come into effect on the date of signing and will remain in effect for a period of **two (2) years** with the agreement that either party may terminate this Memorandum of Agreement with six (6) months' notice unless an earlier termination is mutually agreed upon.
2. This Memorandum of Agreement may be extended for a further period as may be agreed in writing by the Parties.

ARTICLE VII
PROTECTION OF INTELLECTUAL PROPERTY RIGHTS

1. The protection of intellectual property rights (any invention, copyright, trade secret, or any other form of intellectual property) shall be enforced in conformity with the respective national laws, rules and regulations of the Parties and with other international agreements signed by both Parties.
2. The use of the name, logo and/or official emblem of any of the Parties on any publication, document and/or paper is prohibited without the prior written approval of either Party.
3. Notwithstanding anything in paragraph 1 above, the intellectual property rights in respect of any technological development, and any products and services 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; and
- (ii) solely and separately by the Party or the research results obtained through the sole and separate effort of the Party, shall be solely owned by the Party concerned.

ARTICLE VIII
CONFIDENTIALITY

1. Each Party shall undertake to observe the confidentiality and secrecy of documents, information and other data received from or supplied to, the other Party during the period of the implementation of this Memorandum of Agreement
2. For purposes of paragraph 1 above, such documents, information and data include any document, information and data which is disclosed by a Party (the Disclosing party) to the other Party (the Receiving party) prior to, or after, the execution of this Memorandum of Agreement, involving technical, business, marketing, policy, know-how, planning, project management and other documents, information, data and/or solutions in any form, including but not limited to any document, information or data which is designated in writing to be confidential or by its nature intended to be for the knowledge of the Receiving party or if orally given, is given in the circumstances of confidence.
3. Both Parties agree that the provisions of this Article shall continue to be binding between the Parties notwithstanding the termination of this Memorandum of Agreement.

ARTICLE IX
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 Agreement which suspension shall take effect immediately after notification has been given to the other Party through diplomatic channels.

ARTICLE X
SETTLEMENT OF DISPUTES

Any difference or dispute between the Parties concerning the interpretation and/or implementation and/or application of any of the provisions of this Memorandum of Agreement shall be settled amicably through mutual consultation and/or negotiations between the Parties through diplomatic channels, without reference to any third party or international tribunal.

ARTICLE XI
REVISION, MODIFICATION AND AMENDMENT

1. Any revision, modification or amendment to this Memorandum of Agreement agreed to by the Parties shall be reduced into writing and signed by the Parties and shall form part of this Memorandum of Agreement.
2. Such revision, modification or amendment shall come into force on such date as may be determined by the Parties.

3. Any revision, modification and amendment shall not prejudice the rights and obligations arising from or based on this Memorandum of Agreement before or up to the date of such revision, modification or amendment.

ARTICLE XII
NOTICES

Any communication under this Memorandum of Agreement will be in writing in the English language and delivered by registered mail to the address or sent to the electronic mail address or facsimile number of sent to the electronic mail address or facsimile number 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: Laser Center
Universiti Teknologi Malaysia
81310 Johor Bahru, Johor, Malaysia.
Email : lasercenter@utm.my
Fax : +607-5610393

To: Integrated Laboratory
Universitas Negeri Malang
Jalan Semarang 5,
65145 Malang, Indonesia
Email : integratedlab@um.ac.id
Tel No : +6282229828772

The foregoing record represents the Agreements reached between the **LASER CENTER, UNIVERSITI TEKNOLOGI MALAYSIA** and **INTEGRATED LABORATORY, UNIVERSITAS NEGERI MALANG** upon the matters referred to therein.

IN WITNESS WHEREOF the Parties hereto have set their hands the day and year first above written.

SIGNED by
for and on behalf of
LASER CENTER,
UNIVERSITI TEKNOLOGI MALAYSIA

SIGNED by
for and on behalf of
INTEGRATED LABORATORY,
UNIVERSITAS NEGERI MALANG



Assoc. Prof. Ts. Dr. Muhammad
Safwan Abd Aziz
Director



Prof. Hadi Nur
Head of Technical Unit