



MEMORANDUM OF UNDERSTANDING
between the Center for International Strategic Studies
Sindh and Area Study Centre Far East & Southeast
Asia of University of Sindh, Jamshoro, on Cooperation
in Areas of Mutual Interest Relating to Research, Joint
Events, Publications and Internships



This Memorandum of Understanding (MoU) is made between the Center for International Strategic Studies Sindh (referred as CISSS) and Area Study Centre Far East & Southeast Asia (referred as FESEA), University of Sindh, Jamshoro, (collectively referred as “Parties”).

WHEREAS CISSS was established in Karachi on 1 July 2021. CISSS is a non-profit, non-partisan, non-commercial and multidisciplinary research-oriented organization. It is committed to conducting rigorous and fact-based research and analysis of contemporary international and regional strategic issues of interest to Pakistan. CISSS has been established as a Think Tank to interact with key opinion makers from various walks of life and young scholars in Sindh with a view to developing a better understanding of Pakistan’s narrative on regional and global issues.

And

WHEREAS FESEA was established under the Act of Parliament (Area Study Centre Act No. XLV, 1975) in 1975 by the Government of Pakistan. The Centre is an autonomous Institution, under the academic discipline of University of Sindh, Jamshoro – Pakistan; and funded by the Ministry of Federal Education & Professional Training, Islamabad, through the Higher Education Commission (HEC), Islamabad.

Desiring to promote Pakistan’s narrative on important international and regional issues in its correct perspective;

Considering the need for raising public awareness about the benefits of peaceful uses of nuclear, space and emerging technologies to the people of Pakistan; and

Taking into account the mutuality of interest in sharing the outcome of research and related activities by CISSS and FESEA, University of Sindh, with a large audience at home and abroad through their respective contacts.

Have agreed as follows:

Article-01

- i. The Parties shall jointly organize Seminars, Webinars, Workshops, Book Launch and Conferences on issues of mutual interest.
- ii. The Parties shall undertake joint research projects and collaborate in publication of books and articles.
- iii. CISSS and FESEA shall consider to contribute research articles in each other’s academic journals.
- iv. CISSS shall consider inviting representative (s) of FESEA to events hosted by it.
- v. FESEA shall consider inviting representative (s) of CISSS to events hosted by it.

- vi. The Parties shall send, upon request, their senior faculty members to deliver talks on issues of interest at the premises of the requesting Party.
- vii. CISSS shall consider to offer Internship opportunities to the students of FESEA.
- viii. CISSS shall extend all possible assistance to FESEA in the designing and implementation of a Post-Graduate level course on Peaceful Uses of Nuclear Technology.
- ix. The Parties shall meet as considered appropriate to agree on a schedule of activities to be undertaken jointly.
- x. The Parties shall separately discuss additional measures, if required, for the implementation of the provisions of this Article.

Article-02

The Parties shall decide about their respective share of financial contribution necessary for implementing the activities envisaged in Article-01 above on a case-to-case basis.

Article-03

The MoU shall enter into force upon its signing by the Parties. It shall remain in force for a period of 03 years and shall be automatically extended for another 03 years unless one of the Parties conveys in writing its intention to terminate the MoU at least 02 months prior to the expiry date.

Article-04

The Parties shall resolve any dispute arising during the course of the validity of this MoU amicably through bilateral talks.

Article-05

The Parties undertake to implement the provisions of this MoU on mutual cooperation in earnest and in good faith. The MoU, however, is non-binding and does not create any legal rights of any one Party against the other.

Done at Area Study Centre Far East & Southeast Asia of University of Sindh, Jamshoro, on 4 March 2024 in two original copies in English.

Signed by and on behalf of
**CENTER FOR INTERNATIONAL
STRATEGIC STUDIES SINDH**

Ambassador Qazi M. Khalilullah (R)
Executive Director CISSS

Signed by and on behalf of
**AREA STUDY CENTRE FAR EAST &
SOUTHEAST ASIA, UNIVERSITY OF
SINDH, JAMSHORO**

Dr Mukesh Kumar Khatwani
Director FESEA



Memorandum of Understanding
Between

Pakistan Study Centre, University of the Punjab, Lahore
and
The Area Study Centre, Far East and Southeast Asia, University of Sindh

This Memorandum of Understanding (MoU) is made at the Pakistan Study Centre, University of the Punjab, Lahore on **12th day of December, 2023** between the Pakistan Study Centre (referred as PSC,PU) and The Area Study Centre, Far East and Southeast Asia, University of Sindh (referred as ASC, UoS) referred as "Parties".

WHEREAS The Pakistan Study Centre(PSC,PU), established by an Act of Parliament (Pakistan Study Centre Act No. XXVII) in 1976 by the Government of Pakistan. The Centre is an autonomous Institution, under the academic discipline of University of the Punjab, Lahore-Pakistan; and funded by the Ministry of Federal Education & Professional Training, Islamabad, through the Higher Education Commission (HEC), Islamabad.

And

WHEREAS The Area Study Centre, Far East and Southeast Asia, University of Sindh ASC, (UoS) established by an Act of Parliament (Area Study Centre Act No. XLV, 1975) in 1975 by the Government of Pakistan. The Centre is an autonomous Institution, under the academic discipline of University of Sindh, Jamshoro-Pakistan; and funded by the Ministry of Federal Education & Professional Training, Islamabad, through the Higher Education Commission (HEC), Islamabad.

The Parties will make every reasonable effort to encourage direct communication/co-ordination, educational, and research cooperation between their constituents, including students & faculty members, and will endeavour to cooperate in the fields with which the Parties are concerned. Within spheres that are mutually agreed to, the Parties agree on the following general forms of cooperation:

1. Joint educational and research activities;
2. Exchange of academic materials and academic publications;
3. Exchange of faculty members for research, lectures, roundtables discussions, workshops, seminars & conferences;
4. Exchange of students for study and research.



Themes of joint activity and the conditions for utilising the results achieved and arrangements for all forms of cooperation including visits and exchanges will be negotiated for each specific case. The Parties understand that all financial arrangements will be negotiated and identified in an agreement prior to the commencement of the associated activities listed above.

It is understood that the implementation of this MoU will commence on the Effective Date, and will continue thereafter for five (5) years, subject from time to time to revision or modification by mutual agreement. Representatives from the Parties will discuss the terms of a renewal at least six (6) months prior to the natural termination of the current MoU. The parties will have the right to withdraw from the MoU by intimating to other party in advance at any stage.

Signed by for and on the behalf of
**PAKISTA STUDY CENTRE,
UNIVERSITY OF THE PUNJAB**


Prof. Dr. Naumana Kiran
Director

Director
PAKISTAN STUDY CENTRE
University of the Punjab
LAHORE-PAKISTAN

Signed by for and on the behalf of
**THE AREA STUDY CENTRE, FAR EAST
AND SOUTHEAST ASIA
UNIVERSITY OF SINDH**


Dr. Mukesh Kumar Khatwani
Director

DIRECTOR
Area Study Centre,
Far East & Southeast Asia
University of Sindh Jamshoro



Memorandum of Understanding

Between

Area Study Centre for South Asia, University of the Punjab, Lahore

and

Area Study Centre Far East & Southeast Asia, University of Sindh, Jamshoro

This Memorandum of Understanding (MoU) is made at the Area Study Centre for South Asia (CSAS), University of the Punjab on **11 day of December, 2023** between the Area Study Centre for South Asia (referred as CSAS) and Area Study Centre Far East & Southeast Asia (FESEA), University of Sindh, Jamshoro (referred as "Parties").

WHEREAS The Area Study Centre for South Asia (CSAS), established by an Act of Parliament (Area Study Centre Act No. XLV, 1975) in 1975 by the Government of Pakistan. The Centre is an autonomous Institution, under the academic discipline of University of the Punjab, Lahore-Pakistan; and funded by the Ministry of Federal Education & Professional Training, Islamabad, through the Higher Education Commission (HEC), Islamabad. **And**

WHEREAS Area Study Centre Far East & Southeast Asia (FESEA), established by an Act of Parliament (Area Study Centre Act No. XLV, 1975) in 1975 by the Government of Pakistan. The Centre is an autonomous Institution, under the academic discipline of University of Sindh, Jamshoro – Pakistan; and funded by the Ministry of Federal Education & Professional Training, Islamabad, through the Higher Education Commission (HEC), Islamabad.

The Parties will make every reasonable effort to encourage direct communication / co-ordination, educational, and research cooperation between their constituents, including students & faculty members, and will endeavour to cooperate in the fields to which the Parties are concerned. Within spheres that are mutually agreed to, the Parties agree on the following general forms of cooperation:

1. Joint educational and research activities;
2. Exchange of academic materials and academic publications;
3. Exchange of faculty members for research, lectures, roundtables discussions, workshops, seminars & conferences;



4. Exchange of students for study and research.

Themes of joint activity and the conditions for utilising the results achieved and arrangements for all forms of cooperation including visits and exchanges will be negotiated for each specific case. The Parties understand that all financial arrangements will be negotiated and identified in an agreement prior to the commencement of the associated activities listed above.

It is understood that the implementation of this MoU will commence on the Effective Date, and will continue thereafter for five (5) years, subject from time to time to revision or modification by mutual agreement. Representatives from the Parties will discuss the terms of a renewal at least six (6) months prior to the natural termination of the current MoU. The parties will have the right to withdraw from the MoU by intimidation to other party in advance at any stage.

Signed by for and on the behalf of
**AREA STUDY CENTRE FOR SOUTH ASIA,
UNIVERSITY OF THE PUNJAB**

Dr. Naheed S. Goraya
Director

Signed by for and on the behalf of
**AREA STUDY CENTRE FAR EAST &
SOUTHEAST ASIA, UNIVERSITY OF SINDH,
JAMSHORO**

Dr. Mukesh Kumar Khatwani
Director

Memorandum of Understanding (MOU)

Between

110 Innovate SMC PVT Limited

and

**Abida Taherani Sindh Development Study Center
(ATSDSC) University of Sindh, Jamshoro**

Purpose:

This MOU establishes a framework for collaboration between 110 Innovate SMC PVT limited (hereinafter referred to as "110 Innovate") and the Abida Taherani Sindh Development study Center, University of Sindh (hereinafter referred to as "ATSDSC"). The purpose of this collaboration is to jointly promote skill development, technology adoption, and sustainable rural development.

Terms and Conditions:

Areas of Collaboration:

Training and Capacity-Building:

110 Innovate will provide expertise in Startup Echo System, E-Commerce, IoT, and Freelancing.

ATSDSC will facilitate in workshops, seminars and training programs for students and rural communities.

Research and Innovation:

Both parties will explore joint research projects related to rural Development, technology, and community empowerment.

Resource Sharing:

110 Innovate and ATSDSC will share relevant resources, including training materials and digital content.

Internships and Placements:

110 Innovate will offer internship opportunities to ATSDSC students.

ATSDSC will recommend suitable candidates for placements within 110 Innovate.

Duration:

This collaboration shall be effective from the date of signing and shall continue for an initial period of **two years**. It may be extended by mutual agreement.

Terms and Responsibilities of Both Parties:

110 Innovate:

- To provide training modules and expertise.
- To collaborate on joint research initiatives.
- To facilitate internships and placements.

ATSDSC:

- To organize workshops and training sessions.
- To identify research areas of mutual interest.
- To recommend eligible students for internships.

Intellectual Property:

Any intellectual property resulting from joint efforts will be shared equitably, as agreed upon in specific projects.

Resource Allocation:

Both parties will allocate necessary resources (facilities, equipment, personnel) as required for collaborative activities.

Reporting and Evaluation:

Regular progress updates and evaluations will be conducted to assess the effectiveness of collaboration.

Financial Arrangements:

Unless otherwise specified, each party shall bear its own costs related to this collaboration.

Confidentiality:

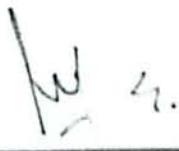
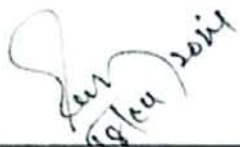
Both parties shall maintain confidentiality regarding sensitive information shared during collaboration.

Termination Clause:

Either party may terminate this MOU with **30 days' written notice**.

Signatories:

This MOU is executed in duplicate, with each party retaining one original copy.

<p>Signature: </p> <p>Mr. Sajid Bhutto Founder 110 Innovate SMC PVT LTD</p>	<p>Signature: </p> <p>Name: Prof. Dr. Erum Khushnood Director Abida Taherani Sindh Development Study Center</p>
<p>Date: 14-04-2024</p>	<p>Date:</p>

**MoUs signed /Research collaborations made/ industrial linkages
established**

A memorandum of understanding was successfully signed between **Pakistan Council of Scientific and Industrial Research Laboratories, Karachi (PCSIR-KLC)** and **National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro (NCEAC, UoS)** 1st December 2023.



**MEMORANDUM OF UNDERSTANDING
(MOU)**

Between

**Pakistan Council of Scientific and Industrial Research
Laboratories Complex, Karachi
(PCSIR-KLC)**

And

**National Centre of Excellence in Analytical Chemistry
University of Sindh, Jamshoro
(NCEAC-UoS)**



MEMORANDUM OF UNDERSTANDING (MOU)

This MoU is made on _____ December, 2023 (which is the "effective date" of MoU) at Karachi,

BETWEEN

Pakistan Council of Scientific and Industrial Research Laboratories Complex, Karachi, Shahrah-e-Dr. Saleemuzzaman Siddiqui, Off: University Road, Karachi-75280 (hereinafter referred to as "PCSIR-KLC")

AND

National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro (hereinafter referred to as "NCEAC-UoS")

All of above shall be referred to individually as PCSIR-KLC & NCEAC-UoS and collectively as THE PARTIES.

WHEREAS;

PCSIR-KLC is multi-focal and multifunctional R&D organization, engaged to develop the processes and technologies, exploitation of indigenous natural resources for developing import substitution and export enhancement, pilot plant production facilities, analytical testing/calibration services, solving industrial problems and providing technical consultancy/advisory services and assistance to various public and private sectors organizations of the country.

PCSIR-KLC is the first Analytical Laboratory of Pakistan awarded accreditation to ISO-17025 by Pakistan National Accreditation Council (PNAC). A large number of patent and processes have been released to the Industrial sectors to their Commercialization.

NCEAC-UoS is a leading research Centre in Analytical, Environmental and Bioanalytical Chemistry, imparting good quality education and research dedicated to resolving the issues in these

fields through applied research, developing specialist human resource and technologies; academia-industry collaboration; and policy formulation. The Center is dedicatedly training and building up the capacity of a new generation of Analytical and Environmental Chemistry leaders in order to solve the Pakistan's challenges of the twenty-first century.

Both THE PARTIES, in recognition of their strengths and resources, are desirous of collaborating with each other to further enhance their common objective of fostering multi-disciplinary research activities for the purpose. Both parties are willing to develop a healthy and vibrant collaborative research relationship.

NOW THEREFORE FOLLOWING TORs WITNESSES AND IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES AS UNDER

- (1) **OBJECTIVES:** THE PARTIES are agreed to promote joint research activities of mutual interest in accordance with their respective needs and objectives and shall, by joint agreement, determine the areas and subject of such co-operation, on the basis of the understanding contained in this MOU.



- (2) **MANAGEMENT COMMITTEE:** The parties shall constitute a Management Committee, consisting of two representatives from both organizations, to manage and oversee the activities covered under this MOU, and to meet as and when necessary to review progress and define new parameters of awareness for environmental and industrial research. Director General, PCSIR-KLC and Director, NCEAC-UoS will nominate members of committee.
- (3) **PROJECTS:** Within the framework of this MoU the parties agree to define, future collaborative projects of mutual interest with mutual consent of both parties.
- (4) **AREAS OF COOPERATION:** Based on the understanding of the relative strengths of the Parties, it is agreed that the Parties shall collaborate to pursue a program of scientific, technical and academic nature for exchange of ideas, experience and expertise on issues related to national interest as agreed from time to time. Initially the cooperation may include the following:
- Joint coordinated scientific research and technological development programs in selected areas to benefit both agencies.
 - Exchange and training of technical personnel and material for research and academic development at PCSIR-KLC and NCEAC-UoS.
 - Prepare joint research proposals for securing funding for both sides.
 - Holding of joint conferences, seminars, short training courses, symposia and workshops at National and International level.
 - Disseminate results of studies through joint national/ international publications.
 - Build mutual coordination between both organizations regarding consultancy, advisory services, training, production and test & analysis services rendered to public and private sectors.
 - Any other form of cooperation which both parties may agree.
- (5) **NON-DISCLOSURE AGREEMENT (NDA):** Both parties shall not disclose, transfer or otherwise provide any information and data, to any third party without the express written permission of the concerned party to which such information belongs;
- (6) **INTELLECTUAL PROPERTY RIGHTS:**
- (a). **The Right of Publish:** The Parties acknowledge the right of each Party to publish the findings of collaborative research in the form of an article, in a journal, conference, workshop, symposium, newspaper or a magazine. However, each publication resulting from collaborative activities covered under this MOU shall be done jointly unless the other Party gives up its right to that publication, after review of the draft of the publication. The review shall be completed within thirty (30) days of submitting the draft by one party to the other;
- (b). **Commercial Uses of Collaborative Activities:** Any commercial application of the collaborative activities covered under this MoU will be agreed upon jointly by the Management Committee. Neither of the Parties shall undertake commercial activities stemming from the collaborative activities covered under this MoU without the explicit agreement of the Management Committee.
- (7) **FUNDING AND EXPENSES:** Each party shall be responsible for bearing its own expenses incurred during a collaborative activity unless an alternative source of funding is jointly agreed upon by the Management Committee. All such projects for which alternative funding is agreed upon, shall be governed through terms and conditions, to be specified, while giving due consideration to the broad parameters as defined in this MoU, in a separate agreement.



- (8) **ARBITRATION:** Any dispute arising out of or in connection with this MOU or any subsequent agreement shall finally be settled by arbitration through Management Committee. The members of the Management Committee or their nominees shall act as the arbitrators, and if they fail to resolve the issue, the same will be referred to Director General, PCSIR-KLC and Director, NCEAC-UoS and their decision shall be final and binding on both THE PARTIES.
- (9) **VALIDITY:** This MoU shall commence on the date of signing and shall remain in force for a period of three (3) years. This MoU could be extended by mutual agreement/consent of both parties.

Now, this MoU witnesses that in consideration of the mutual covenants herein contained, the parties here to have caused this MoU to be signed in their respective names in two identical counterparts, each of which shall be deemed as original, as of the day, month and year first above written.

IN WITNESS WHEREOF THE PARTIES above named executed this Agreement, on the day the year.

PARTIES

FOR AND ON BEHALF OF
PCSIR Laboratories Complex Karachi,
Off: University Road, Karachi

FOR AND ON BEHALF OF
National Centre of Excellence in Analytical
Chemistry, University of Sindh, Jamshoro

Dr. Hafiz Rub Nawaz
Director General

DR. HAFIZ RUB NAWAZ
Director General
Government of Pakistan
Ministry of Science & Technology
PCSIR Laboratories Complex
Karachi-75200

Prof. Dr. Syed Tufail Hussain Shah
Director

Director
National Center of Excellence
In Analytical Chemistry
University of Sindh Jamshor

WITNESSES:

Dr. Razia Sultana
Director (P&D)
PCSIR Labs. Complex
Karachi

Prof. Dr. Shahabuddin Memon
NCEAC, Uo Sindh,
Jamshoro -