

COLLABORATIVE RESEARCH AGREEMENT

THIS AGREEMENT is entered into on the date of execution of this Agreement by and between the **Asian Development Bank Institute** (hereinafter referred to as “**ADBI**”), situated at 8th Fl. Kasumigaseki Bldg., 3-2-5 Kasumigaseki, Chiyoda-ku, Tokyo 100-6008, Japan, and the **National Institute of Technology Karnataka, Surathkal** (hereinafter referred to as “**NITK**”) with address at NH 66, Srinivasnagar, Surathkal, Mangalore, Karnataka 575025, India. ADBI and NITK hereinafter referred to individually as a “Party” and jointly as the “Parties.”

WITNESSETH:

WHEREAS ADBI will undertake a research project to investigate the impact of the Soil Health Card System under the Model Village initiatives on the yield, agronomic practices, and well-being of the smallholder farmers; and ADBI is aware that NITK, as an Institution of National Importance, Government of India, has the expertise, infrastructure set-up, and capacity to conduct various national and international research projects in this field.

WHEREAS pursuant to numerous discussions between the focal points of both institutions, ADBI and NITK now desire to collaborate on the Research Project entitled “Impact of Soil Health Card Scheme on Productivity and Income of the Farmers: A Randomized Control Trials Experiment in Eastern India” as described in **Annex 1** (the “**Research Project**”).

NOW, THEREFORE, the Parties agree as follows:

1. SCOPE OF COLLABORATION

NITK will undertake the Research Project jointly and in coordination with ADBI. NITK’s specific role and contribution are provided in **Annex 2**. **Prof (Dr.) Pradyot Jena** of NITK shall lead the Research Project with the assistance of professionally qualified personnel (including **Dr.Ritanjali Majhi** to support on neural networking and machine learning) and implement the Research Project in accordance with generally accepted professional standards. NITK shall adhere to the timeline set out in Annex 1 and Article 5 below.

2. AGREEMENT PERIOD

This Agreement shall commence on at its signing by both parties and shall be effective **until 30 June 2023**, unless subsequently extended upon mutual agreement in writing between the Parties.

3. SUPPORT

ADBI has allocated a budget in the amount of **US Dollar 79,170.00** to cover NITK's expenses related to the Research Project as detailed in **Annex 3** (the "Support").

4. PAYMENT SCHEDULE

Upon signing of this Agreement, NITK shall initiate the work, and payment to NITK shall be made by ADBI according to the schedule set forth below:

Schedule	Amount (in United States Dollars)
1st tranche. On receipt of signed Agreement. 75% of first year budget.	21,814.0
2nd tranche. Completion of the base-line survey and receiving of the data, and report, invoice, and receipts.	7,271.0
3rd tranche. Upon receiving the plan for the mid-line survey and invoice and receipts. invoice, and receipts.	20,034.0
4th tranche. Completion of the midline survey and receiving of the data, and report, invoice, and receipts.	5,008.5
5th tranche. Upon receiving the plan for the end-line survey and invoice and receipts.	20,034.0
Final tranche. Completion of the end-line survey and receiving of the data, and report, invoice, and receipts.	5,008.5
Total	79,170.0

(Detail budget is provided in Annex 3)

On receipt of the request for payment, with all necessary documentation, ADBI agrees to transfer the contribution within 30 days to NITK's nominated account below.

Name of Bank	State Bank of India
Bank Address	State Bank of India, Po: Surathkal NITK Campus, Mangalore -575025, Karnataka
Account Name	NITK General Account
Account No	10175367556
Swift Code	SBININBB146
Currency	US (United States) Dollar
IFSC Code	SBIN002273

IN WITNESS WHEREOF, each of the parties hereto has executed this Agreement in duplicate originals by its duly authorized representatives on the respective dates entered below.

**ASIAN DEVELOPMENT BANK
INSTITUTE**

Name: Katsuyuki Meguro
Title: Director, Administration,
Management and Coordination

Signature: 

Date: 2 June 2021

**NATIONAL INSTITUTE OF TECHNOLOGY
KARNATAKA, SURATHKAL**

Name: Prof. Karanam Uma Maheshwar Rao
Title: Director

Signature: 

Date: 01/06/2021

Director
National Institute of Technology Karnataka
Surathkal, Mangalore-575025
Karnataka, India