Memorandum of Understanding

Between

PRATIKSHA INSTITUTE OF PHARMACEUTICAL SCIENCES
(UNDER PRATIKSHA EDUCATIONAL TRUST)
CHANDRAPUR ROAD, PANIKHAITI, GUWAHATI-781026, ASSAM

AND

PHYTOCHEMISTRY LAB.
DEPARTMENT OF BIOTECHNOLOGY,
NATIONAL INSTITUTE OF TECHNOLOGY,
ARUNACHAL PRADESH

MEMORANDUM OF UNDERSTANDING

BETWEEN

PRATIKSHA INSTITUTE OF PHARMACEUTICAL SCIENCES

AND

PHYTOCHEMISTRY LAB.
DEPARTMENT OF BIOTECHNOLOGY,
NATIONAL INSTITUTE OF TECHNOLOGY,
ARUNACHAL PRADESH

THIS MEMORANDUM OF UNDERSTANDING is made on 15th June 2023

BETWEEN

"Pratiksha Institute of Pharmaceutical Sciences (PIPS)" under **Pratiksha Educational Trust**, is located at a place called Panikhaiti, which is adjacent to the main city, Guwahati, of Assam. It is an institution approved by Pharmacy Council of India (PCI) and All India Council for Technical Education (AICTE). It was established in the year 2018 with the aim of imparting top quality education, research and practice with the ultimate goal of providing excellent platforms to create leaders and generate new knowledge for society.

PIPS fosters a learning-centered, research-oriented and society beneficial educational environment that encourages individuals to make far reaching contributions in their professional field.

PIPS encourage different research incubation facilities in the field of pharmaceutical sciences, where the researchers, students, faculties can carry out research works by utilizing sophisticated instruments. PIPS is equipped with modular laboratories and different facilities for formulation development, optimization of formulations, novel biomolecules or phytomolecules identification, nutraceutical characterization, polymer science and materials development and extraction through several techniques. PIPS is also having dedicated lab for Computer Aided Drug Design, bioinformatics and immunoinformatics related work. Molecular docking, molecular dynamics simulation, vaccine designing, novel molecule synthesis, phytomolecule screening and analysis can also be carried out at our laboratories.

In order to share the facilities and expertise available in each other's institution herewith sign a Memorandum of Understanding and PIPS herein referred to as FIRST PARTY.

AND

Phytochemistry Lab. Department of Bio-Technology, National Institute of Technology, Arunachal Pradesh, was started admitting student in 2014-2015 in 4 years B. Tech in

Biotechnology. The department aims to provide latest state-of-art education, research and innovation in areas of Biotechnology. In general, for the country as a whole, and in particular for the North Eastern region full with bio-diversity, bio-resources, bio-medicinal plants etc., the offer of courses in Biotechnology with specialization in bio-medicine, food processing, preservation etc., are decisively befitting for this Institute of National Importance.

The major thrust of biotechnology includes infectious diseases, clinical and health Research, proteomics, biochemical engineering, tissue engineering, drug discovery, nutritional biochemistry, bio-medicinal plants computational biology and cancer biology. The department has recently initiated efforts to establish advanced research laboratories in all the thrust areas under a center for excellence funded by MHRD.

In order to share the facilities and expertise available in each other's institution herewith sign a Memorandum of Understanding and Department of Bio-technology, NIT, Arunachal Pradesh, herein referred to as SECOND PARTY.

Memorandum of Understanding

This Memorandum of Understanding (MOU) is for collaborative work between Pratiksha Institute of Pharmaceutical Sciences (under Pratiksha Educational Trust), Guwahati, Assam, hereinafter referred to as "PIPS Guwahati," represented by Prof. (Dr.) Satyendra Deka, and the Phytochemistry Lab. Department of Biotechnology, National Institute of Technology, Arunachal Pradesh, hereinafter referred to as "NIT Arunachal Pradesh," represented by Dr. Pallabi Kalita Hui.

WHEREAS

PIPS Guwahati is an esteemed institution specializing in Pharmaceutical Sciences, dedicated to research, education, and development of pharmaceutical knowledge and expertise.

NIT Arunachal Pradesh is a premier technical institution committed to excellence in education, research, and development in the field of biotechnology.

Both PIPS Guwahati and NIT Arunachal Pradesh share common interests and goals in promoting research, development, and academic collaboration in the field of pharmaceutical sciences and biotechnology.

Both parties recognize the benefits of mutual cooperation and wish to establish a framework for collaboration through this MOU.

NOW, THEREFORE, the parties agree as follows:

Objective of Collaboration:

The objective of this collaboration is to foster academic and research cooperation between PIPS Guwahati and NIT Arunachal Pradesh, with a focus on pharmaceutical sciences and biotechnology. The collaboration aims to promote joint research projects, exchange of knowledge, sharing of resources, and the organization of academic events.

Area of Collaboration:

a) To encourage, and use reasonable endeavors of each other to effect, without crossing the limitations of each other's resources, policies and procedures, visits from one Institution to the other by members of the academic, research and other staff for the purpose of participating in teaching, training, research for development programs and other agreed activities.
b) Joint research projects and publications.
c) Exchange of faculty, researchers, and students for short-term visits and research stays.
d) Sharing of laboratory facilities, equipment, and research materials.
e) Collaborative efforts in securing research funding and grants.
f) To provide, within the limitations of the Institutions' resources, policies and procedures, qualified students hosted by one institution access to research opportunities at the other institution.
g) To organize and conduct seminars, conferences, events, conclaves and annual conference etc. in joint collaboration subject to the availability of funds.
h) To sharing the infrastructure facility for conducting R & D works leading to entrepreneurial venture in biotechnology and allied areas as per mutually agreed terms and conditions.

Responsibilities of PIPS Guwahati:

PIPS Guwahati agrees to:

a. Provide access to its research facilities, laboratories, and library resources, as appropriate and available, for collaborative projects.

b. Facilitate the exchange of faculty, researchers, and students for academic and research purposes.

c. Promote joint research projects and publications.

d. Participate actively in the organization of joint academic events.

Responsibilities of NIT Arunachal Pradesh:

NIT Arunachal Pradesh agrees to:

a. Provide access to its research facilities, laboratories, and library resources, as appropriate and available, for collaborative projects.

b. Facilitate the exchange of faculty, researchers, and students for academic and research purposes.

c. Promote joint research projects and publications.

d. Participate actively in the organization of joint academic events.

Intellectual Property Rights (IPR):

a. Any intellectual property created jointly under this collaboration shall be governed by a separate agreement mutually agreed upon by both parties.

b. Each party shall retain ownership of the intellectual property developed solely by its own faculty, researchers, or students.

Duration:

This MOU shall be effective from the date of signing and shall remain in force for a period of 5 years. Upon mutual agreement, both parties may extend this MOU by written consent.

Termination of MOU:

The MOU may be terminated at any time by mutual consent or by 6 months' notice by either party. It may be amended, modified, extended, or renewed only by the written consent of both Parties.

This MOU is not intended to create any legally binding obligations nor any financial commitment on either institution but, rather, is intended to facilitate discussions regarding general areas of cooperation as stated above.

BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

PRATIKSHA INSTITUTE OF PHARMACEUTICAL SCIENCES

Signature: Deka 15/06/23

Name: Prof. (Dr.) Satyendra Deka

Designation: Principal

Principal

Pratiksha Institute of Pharmaceutical Sciences
Guwahati

PHYTOCHEMISTRY LAB.
DEPARTMENT OF BIO-TECHNOLOGY,
NIT, ARUNACHAL PRADESH

Signature: Pallabi Kalita Hui 15/06/23

Name: Dr. Pallabi Kalita Hui.

Designation: H.O.D, Biotechnology

Pratiksha Institute of Pharmaceutical Sciences • Guwahati-26 • Date.....