

**AGREEMENT ON THE JOINT RESEARCH PROJECT BETWEEN
NATIONAL CHUNG HSING UNIVERSITY (NCHU) AND KASETSART UNIVERSITY (KU)**

1. Purpose and Applicant Qualification

NCHU and KU have agreed to conduct a mutual collaboration to aim at promoting their research work and achievements to the international academic and industrial societies.

As such, faculty members from both universities are encouraged to submit proposals for collaborative research projects. By definition, any collaborative research project should be conducted by faculty members or researchers from KU (or NCHU) with their counterpart co-principal investigator(s) (PIs).

2. Assessment and Selection Committee

An Assessment and Selection Committee (ASC), which consists of deans and executives from NCHU and KU, supervises the procedures for the review, assessment, and the selection of the proposed research projects. The ASC is also in charge of the allocation of funding to the approved research projects.

3. Topics for collaborative research

The research topics are not limited to any category.

4. Structure of research team

Each research team should consist of one PI from NCHU and one PI from KU. Inclusion of students and other personnel is optional.

5. Research funds

NCHU and KU individually contribute 2 million NTD (or 2 million THB) per year for three years as the funds for the bilateral projects. Donation from alumni and industries are welcome.

6. Constraints on the use of funding

The funding to each research team is limited to 500,000 NTD (or equivalently, 500,000 THB) per year. The funding cannot be used as the personal income of the PIs. The funding can be used for travel, equipment, consumable products, personal income to students, and miscellaneous expenses.

7. Application procedures

To apply for the research grant, an application form and a project proposal must be submitted to:
-- *i*-Center for Advanced Science and Technology (*i* CAST), by the NCHU counterpart
-- Faculty of Science at Sriracha, by the KU counterpart
Please notice that both the submission to NCHU and the submission to KU must be performed.

8. Contact persons

The contact persons are, respectively,

-- NCHU: Director, *i*-Center for Advanced Science and Technology,
National Chung Hsing University (Prof. Dr. Jenn-Ming Song)
Email: samsong@nchu.edu.tw
Tel: +886 4 22852482

-- KU: Dean of Faculty of Science at Sriracha, Kasetsart University
(Asst. Prof. Dr. Pattarawadee Sumthong Nakmee)
Email: sfscipts@ku.ac.th
Tel: +66 81 6234659

9. Joint Research Workshop, Meeting, or Conference

Joint academic activities are scheduled to be held every year in either Taiwan or Thailand. Project PIs have to participate and give oral presentations.

10. Reports

Annual reports should be submitted to the ASC before the end of each year.

11. Paper publication

In the papers derived from this collaborative research, personnel from both NCHU and KU should appear in the list of authors. Financial supports from NCHU-KU Joint Research Project should be remarked in the acknowledgements

12. Review criteria for Proposal for Joint Research Project

(1) Qualification of research team

- Does the joint research team, combined with relevant NCHU/KU staff expertise, possess the breadth and depth of skill/knowledge to successfully perform the proposed research and drive progress as outlined in the proposal?
- Will the research team commit themselves to carry out this project?

(2) Originality and scientific/technological merits

- How important is the proposed research project to advancing knowledge and understanding within its own field or across different fields?
- How important is it to developing new technologies within its own field or across different fields?
- To what extent does the proposed activity suggest and explore creative and original concepts?

(3) Quality of project and appropriateness of method

- How well conceived and organized is the proposed research project?
- Does the proposal describe the goal and expected problems clearly?
- Are the proposed methods appropriate for solving the potential (or even existing) problems?

(4) Expected achievement and contribution

- Will the proposed research advance understanding or development of issues pertaining to various fields of science and engineering?
- Will it generate results that enhance the academic status of NCHU and KU (for example, by publishing papers in high impact-factor journals)?
- Will it help in advancing the industry of Thailand and/or Taiwan?

13. PERIOD OF AGREEMENT & REVISION

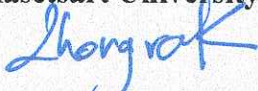
- (1) This Agreement shall be executed on the date of signature and remains in effect for three (3) years unless either party gives six (6) months' advance notice in writing to terminate the Agreement.
- (2) Both NCHU and KU shall engage in evaluation of the joint research project every year, as well

as mutual consultation and negotiation regarding any major issue(s) arise in connection with this Agreement.

(3) In the case of any irresolvable problems arising from this Agreement, either institution may terminate with six (6) months' prior notice, provided that exchanges in progress, or agreed to, are not interrupted. In addition, articles of this Agreement may be revised upon mutual consultation of both the parties herein.

For this purpose, the responsible parties will be the President of Kasetsart University and the President of National Chung Hsing University.

Signed on behalf of:
Kasetsart University



Dr. Chongrak Wachrinrat
President

Date: 9 October, 2020



Assoc. Prof. Dr. Sutkhet Nakasathien
Dean of Faculty of Agriculture

Date: 9 October, 2020



Assoc. Prof. Dr. Peerayuth Charnsethikul
Dean of Faculty of Engineering

Date: 9 October 2020



Assoc. Prof. Dr. Sathaporn Chuepeng
Dean of Faculty of Engineering at Sriracha

Date: 9 October 2020



Asst. Prof. Dr. Pattarawadee Sumthong Nakmee
Dean of Faculty of Science at Sriracha

Date: 9 October, 2020

Signed on behalf of:
National Chung Hsing University



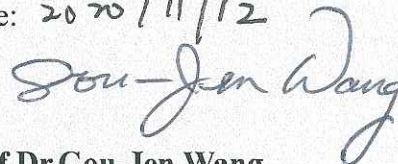
Prof. Dr. Fuh-Sheng Shieu
President

Date: Nov. 24, 2020




Prof. Dr. Fuh-Jyh Jan
Dean of College of Agriculture and
Natural Resources

Date: 2020/11/12



Prof. Dr. Gou-Jen Wang
Dean of College of Engineering

Date: 2020/11/05



Prof. Dr. Yin-Tzer Shih
Dean of College of Science

Date: 2020/11/12



Prof. Dr. Chuan-Mu Chen
Dean of College of Life Sciences

Date: 2020/11/10