

MEMORANDUM OF UNDERSTANDING

Between

King Mongkut's University of Technology North Bangkok

by

Faculty of Engineering and Faculty of Technical Education

with

Toyota Tsusho Nexty Electronics (Thailand) Co., Ltd. and

Toyota Tsusho Denso Electronics (Thailand) Co., Ltd.

Faculty of Engineering, King Mongkut's University of Technology North Bangkok
1518 Pracharat 1 Road, Wongsawang, Bangsue, Bangkok 10800, Thailand,
further referred to as **FE**

Faculty of Technical Education, King Mongkut's University of Technology North Bangkok
1518 Pracharat 1 Road, Wongsawang, Bangsue, Bangkok 10800 Thailand,
further referred to as **FTE**

Toyota Tsusho Nexty Electronics (Thailand) Co., Ltd.

540 Mercury Tower, 15 – 16 Floor, Ploenchit Road, Lumpini, Pathumwan, Bangkok 10330, Thailand,
further referred to as **NETH** and

Toyota Tsusho Denso Electronics (Thailand) Co., Ltd.

540 Mercury Tower, 12A Floor, Room 12A01, Ploenchit Road, Lumpini, Pathumwan, Bangkok 10330,
Thailand, further referred to as **TDET**

Hereafter referred to individually as a “Party” and collectively as the “Parties”.

ARTICLE 1: PURPOSE

The purpose of this MOU is to establish a framework for cooperation among FE, FTE, NETH, and TDET to promote collaboration in academics, research, and training in the fields of embedded software, electronic systems, control system design, software design and verification, and related automotive technologies.

ARTICLE 2: AREAS OF COOPERATION

The cooperation under this MOU may include, but is not limited to, the following activities:

2.1 Skill Cultivation – To equip students at the FE and FTE with knowledge, skills, and competencies in software development and automotive technology through practical experience, by engaging in senior projects, internships, or cooperative education programs with the partner companies.

2.2 **Curriculum Development** – To joint development of specialized short courses and training programs to prepare students and new employees in embedded software engineering, model-based development and basic electronics principle related to automotive control;

2.3 **Internship Program** – Placement of KMUTNB students in NETH and TDET for industrial internship and practical training.

2.4 **Student Projects** – Co-advising and supporting undergraduate special projects and capstone projects related to embedded systems and automotive electronics;

2.5 **Seminars and Workshops** – Organization of joint seminars, workshops, and training sessions to enhance industry-academia collaboration.

2.6 **Research Collaboration** – Collaborative research in areas of mutual interest such as Internet of Things (IoT), Electric Vehicles (EVs), automotive electronics, and intelligent systems.

2.7 **Other Activities** – Any other cooperative activities that may be mutually agreed upon by both Parties in writing.

ARTICLE 3: RESPONSIBILITIES OF THE PARTIES

3.1 **KMUTNB (FE and FTE)** shall:

- a. Provide academic staff, facilities, and student resources to support the agreed cooperation.
- b. Encourage students and faculty participation in joint activities.

3.2 **NETH and TDET** shall:

- a. Provide technical expertise, training, and industrial resources in embedded software and automotive electronics.
- b. Facilitate internship placements and support collaborative research.

ARTICLE 4: FINANCIAL ARRANGEMENTS

This MOU does not create any financial obligations between the Parties. Any specific project or activity requiring financial support shall be subject to a separate written agreement.

ARTICLE 5: EFFECTIVE DATE AND DURATION

This MOU shall come into effect on the date of the last signature and remain valid for a period of **three (3) years**, unless terminated earlier by either Party with written notice at least three (3) months in advance. The MOU may be renewed upon mutual agreement.

ARTICLE 6: INTELLECTUAL PROPERTY RIGHTS

Intellectual property rights or any other rights (not limited to copyrights, patents, trademarks, trade secrets, technology, technical methods, and know-how) belonging to one party and used by that party in operations under this MOU shall remain the property of that party.

Entering into this MOU does not grant any party the right to use the intellectual property or any other rights of the other party, unless written consent is obtained from the party owning the intellectual property rights or other such rights.

Intellectual property rights or any other rights of works, inventions, manuals, documents, computer programs, data, or anything else created from the collaboration under this MOU, including the management of such intellectual property, shall be in accordance with the agreement of all parties on a case-by-case basis.

ARTICLE 7: CONFIDENTIALITY

7.1 All parties agree to maintain the confidentiality of information that the owner of the confidential information wishes to keep confidential. They will not disclose, disseminate, or act in any way to allow a third party to know confidential information that may cause damage to the owner of the confidential information, unless written consent is obtained from the owner of the confidential information, or it falls under the law that allows disclosure of such confidential information. In the case of disclosure of information to personnel, consultants, and/or other persons involved with the collaboration partners who participate in operations under this MOU, the disclosing party must ensure that such personnel, consultants, and/or other persons are bound to maintain the confidentiality of the confidential information with provisions identical to those in this MOU. The confidentiality under this clause shall continue to be effective for another 10 (ten) years even after this MOU has ended.

Notwithstanding the foregoing, confidential information does not apply to any information that:

- a. is known to the receiving party prior to the disclosure.
- b. is or becomes part of the public domain through no fault of the receiving party;
- c. is lawfully obtained by the receiving party from a third party without confidentiality requirements.
- d. is independently developed by the receiving party or its affiliates without the use of confidential information of the disclosing party.

7.2 In the event that one party receives a request or order from a government agency, an independent organization under the constitution, or any other organization with legal authority to submit or disclose information under this MOU, the party receiving such request or order must promptly notify the other party of such obligation to allow the other party to take appropriate actions regarding the disclosure of such information.

ARTICLE 8: PUBLIC RELATIONS AND DISSEMINATION

8.1 Public relations, dissemination, advertising, or providing information about the collaboration or operations under this MOU can be carried out by each party as long as it does not cause damage to the other parties, without having to notify or obtain consent from the other parties in advance. However, such actions must not involve disclosure of confidential information of another party.

8.2 All parties agree to allow the use of names and logos of each party in public relations and dissemination of projects or activities under the objectives and scope of collaboration of this MOU. The party wishing to publicize and disseminate such information must inform the other party of the method and nature of the dissemination and public relations, as well as the information to be publicized and disseminated. The use of such names and logos must not be for commercial purposes, and if it appears that one party uses the name or the logo of another party beyond what was agreed upon, or causes damage to reputation, or uses the name or the logo of another party to commit any other act that violates the provisions of the law, the party owning the name or the logo may revoke this permission and claim compensation for damages incurred.

8.3 In case the FE or FTE or the Companies wish to publish, disseminate, and/or disclose to the public all or part of the research results produced under the collaboration of this MOU, they must notify other parties in advance in writing and obtain written approval.

ARTICLE 9: INFRINGEMENT OF THIRD-PARTY RIGHTS

9.1 In carrying out projects or activities under this MOU, all parties must not take any action that will or may cause damage or infringe upon intellectual property and any rights under the law of third parties. If any party violates this provision, that party shall be solely responsible for all damages incurred.

9.2 In the event that a third party claims or exercises any rights against any party alleging infringement of intellectual property or any other rights related to operations under this MOU, the party receiving the notice must notify the other party in writing without delay. If it is conclusively established that any party has infringed upon the intellectual property or other rights of a third party, that party shall be solely responsible for damages, court fees, attorney fees, and all other expenses.

ARTICLE 10: AMENDMENT AND TERMINATION

This MOU may be amended at any time by mutual consent of both Parties in writing. Either Party may terminate this MOU by providing three (3) months' prior written notice.

ARTICLE 11: CONTACT DETAILS

Contact person of Faculty of Engineering, KMUTNB

Name – Surname:

Dr. Danucha Prasertsom

Position: Lecturer

Affiliation: Department of Electrical and Computer Engineering,
Faculty of Engineering, KMUTNB

E-mail: danucha.p@eng.kmutnb.ac.th

Phone: (+66) 2555-2000 ext 8509

Contact person of Faculty of Technical Education, KMUTNB

Name – Surname:

Assistant Professor Dr. Wattana Kaewmanee

Position: Lecturer

Affiliation: Department of Teacher Training in Electrical Engineering,
Faculty of Technical Education, KMUTNB

E-mail: wattana.k@fte.kmutnb.ac.th

Phone: (+66) 642749888

Contact person of TOYOTA TSUSHO NEXTY ELECTRONICS (THAILAND) CO., LTD.

Name – Surname:

Mr. Angkhan Chiewkijwutthikul

Position: Assistant General Manager

Affiliation: NETH

E-mail: angkhan@th.nexty-ele.com

Phone: (+66) 2639-3500

Contact person of TOYOTA TSUSHO DENSO ELECTRONICS (THAILAND) CO., LTD.

Name – Surname:

Mr. Suchienchai Phempornsakul

Position: General Manager

Affiliation: TDET

E-mail: suchienchai@th.nexty-ele.com

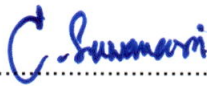
Phone: (+66) 2639-3500

This MOU is made in duplicates with identical content. All parties have read and understood the content in detail and agree that it is correct and in accordance with their intentions in all respects. As evidence, they have signed their names and affixed their official seals (if any) in the presence of witnesses, and each party keeps one copy.

For and on behalf of
Faculty of Engineering,
King Mongkut's University of Technology
North Bangkok



.....
(Associate Professor Dr. Kittichai Thanasupsin)
Dean of the Faculty of Engineering
Date: 13 MAR 2026.....



.....Witness
(Associate Professor Dr. Cattareeya Suwanasri)
Head, Department of Electrical and
Computer Engineering
Date: 13 MAR 2026.....

For and on behalf of
Faculty of Technical Education,
King Mongkut's University of Technology
North Bangkok



.....
(Associate Professor Dr. Somsak Akatimagool)
Dean of the Faculty of Technical Education
Date: 13 MAR 2026.....

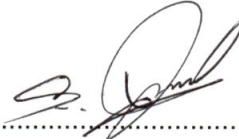


.....Witness
(Assistant Professor Dr. Panee Noiying)
Head, Department of Teacher Training
in Electrical Engineering
Date: 13 March 2026.....

For and on behalf of
Toyota Tsusho Nexty Electronics
(Thailand) Co., Ltd.

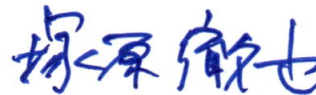


.....
(Mr. Takeo Murata)
President & Chief Executive Officer
Date: 13 MAR 2026.....



.....Witness
(Mr. Surachate Chumpol)
Software Business Division Manager
Date: 13 MAR 2026.....

For and on behalf of
Toyota Tsusho Denso Electronics
(Thailand) Co., Ltd.



.....
(Mr. Tetsuya Tsukahara)
TDET President
Date: 13 MAR 2026.....



.....Witness
(Mr. Mikio Yamazaki)
TDET Vice President
Date: 13 MAR 2026.....