Master of Engineering Program in Automotive and Advance Transportation Engineering (International Program)

TAIST TokyoTech

Updated March 3, 2021
Program Revised in 2021

TAIST (Thailand Advanced Institute of Science and Technology) is based on the idea of collaboration among NSTDA and partner universities in Thailand and a foreign institution to develop the Thai human resources. TAIST will serve as a virtual institution and focal point. NSTDA will provide researchers to act as adjunct professors, research projects and scholarships for graduate students. A foreign institution or university will provide a world class background, expertise and experience, academic instruction and research advice. Thai universities will provide an academic frame work, academic staff to oversee and guide students and degrees for the successful candidates. The viability of the idea is nicely demonstrated by the creation of the first TAIST, namely TAIST-Tokyo Tech, with the cooperation of Tokyo Institute of Technology (Tokyo Tech), King Mongkut's Institute of Technology Ladkrabang (KMITL), Sirindhorn International Institute of Technology (SIIT), King Mongkut's University of Technology Thonburi (KMUTT) and Kasetsart University (KU). It is expected that several similar collaborations will be established in the future.

To develop advanced automotive and transportation engineers for having global perspectives and high modern knowledge in the field of advanced automotive and transportation technologies, and has international experiences and specialized knowledge.

Program Learning Outcomes (PLOs)

The success of the program is evaluated from the PLOs. At the end of the program, graduates should be able to:

PLO 1 Create a new knowledge for designing, improving, and developing processes in advanced automotive and transportation

PLO 2 Research and distinguish information from various sources accurately and reliably

PLO 3 Use modern engineering techniques and tools to research or do research and development

PLO 4 Work with others in national and international organizations

PLO 5 Behave with ethics, responsibility, and professionalism

Program Structure Plan A:

A.	Core courses	12	Credits
B.	Elective courses	12	Credits
C.	Seminar	2	Credits
D.	Thesis	12	Credits
Total Requires Credits		**38**	**Credits**

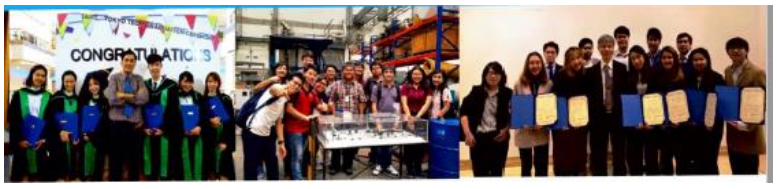
*Lectures are taught at NSTDA by professors from Tokyo Institute of Technology, NSTDA researchers, and professors from host university (KMITL, KMUTT, KU, SIIT)

Eligibility of applicants:

1. The applications must be nationals of ASEAN.
2. The applicants must hold a Bachelor's degree in Engineering, Science, Technology, or related fields.
3. The applicants must have a cumulative of GPA at least 2.75/4.00 or equivalent (as of the application submission date).
4. Applicants must submit one of these following English proficiency score, TOEFL, CU-TEP, TU-GET, IELTS, TOEIC, KU EPT (see criterion on website).

Challenges and opportunities:

- Full scholarship + Monthly stipend
- Partial scholarship
- Graduate Assistant (Research Assistant, Teacher
- Assistant)
- Scholarship for Master's Degree program offered by NSTDA



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>>>Applicant from regional areas and overseas can request to have an interview by online platform.<<<