

TGGS Exhibition & STI Contest 2019

Background:

The Royal Thai Government has recognized the importance of supporting private corporations to utilize science and technology as a key to drive society and economic development of the nation. The aim is to increase the capacity of the nation's growth and competitiveness and avoid the Middle-Income-Trap situation by supporting and motivating the involving parties through monetary and fiscal policy, manpower, infrastructure investment and regulation.

The Sirindhorn International Thai-German Graduate School of Engineering (TGGS) of the King Mongkut's University of Technology North Bangkok and its partners, therefore, find it is now appropriated to organize activities that help encouraging graduate students and staffs in science, technology and engineering to develop and improve their research skills at competitive international level.

The "TGGS Exhibition 2019" event will promote the school's curriculums and researches in science, technology and innovation to prospective graduate students. This exhibition also celebrates the King Mongkut's University of Technology North Bangkok's 60th anniversary.

Objectives

1. To motivate youths, a new generation of engineers and employers in graduate level of education for national research and development.
2. To create a corporation network of government, educational institutes and private companies to pilot the roles and duties that support and improve personnel in science, technology and engineering.
3. To publicly promote the institution in the appropriate direction under various models and policies of the King Mongkut's University of Technology.

Event details

There are 2 main activities during the exhibition.

1. TGGS Open House
 - a. Lab Tour: A guided tour with commentary describing TGGS academic program and visiting laboratories, research facilities and exhibition of TGGS research and development production and innovation.
 - b. Mini Workshop: Trial of lab equipment and real experiments.
 - c. Scholarship Fair: Scholarship application and guidance.
 - d. Technology and Innovation Showcase: Innovation and technology exhibition.

Time and location: March 16-18, 2019 during 10.00 – 15.00 at TGGS building
Participation: Online registration and On-site registration

2. TGGS STI Awards
Science, technology and innovation project contest is open for all Bachelor or Master students at the registration time. The project could be previously submitted to other events or publicized without violating any related laws and other agreements. The winner's project will be announced and advertised in TGGS magazine electronically.

- Submission:** Individual or team projects from Bachelor or Master Students in science, technology and engineering. There is no limit on the number of members per team. The project submission must be presentable in the form of an article, a poster or oral presentation at a seminar. Participants must clarify their choice of presentation.
- Contestant:** A contestant must be a current student at an institute at the time of registration or graduate no later than 12 months prior to the time of event registration.
- Registration:** Registration opens from February 3rd, 2019 until March 3rd, 2019. Participants must fill in the online form and attach the details of their project in the form of an abstract article, a 5-minute video clip or other document formats shorter than 8 A4-pages.
- Presentation:** Project owners may present their works using PowerPoint presentation or poster or showing their actual work within 15 minutes including question answering. Presentation and materials must be in English and perform at the contest location or online (materials must be submitted 3 days earlier).
- Evaluation:** Evaluation scores are distributed amongst academic committees, external experts, on-site audiences and online voting through Facebook page (20% of the total score).
- Awards:** Certification. Scholarship in prize value of 20,000THB. Invitation to receive TGGs Character scholarship, TGGs-KMUNB scholarship, internship in China, research assistantship, internship at private or state-owned companies such as EGAT. (Qualification must follow the conditions and details of each scholarship.)

TGGs STI Awards Contests Schedule

Date	Activity	Location
February 3 – March 3, 2019	Contest Registration	Online
March 5, 2019	Participation confirmation and details announcement	Online
March 16, 2019	On-site presentation and awards ceremony	TGGs, KMUTNB

Remark: 1. Confirmed participants who live outside of Bangkok may reimburse for their transportation up to 1000THB for perimeter provinces and up to 2500THB for others.