

**BACHELOR OF ENGINEERING
INTERNATIONAL PROGRAM**

MICROELECTRONICS DESIGN AND SEMICONDUCTOR ENGINEERING

Start your journey to a bright future with our Bachelor of Engineering International program in Microelectronics Design and Semiconductor Engineering

- Pave the way for your career in a fast-growing and transformative industry of the future.
- Collaborate with RWTH Aachen University, Germany.
- Acquire cutting-edge knowledge and industry-relevant expertise.
- **With 4+1 years Bachelor/Master option and the possibility of a Master's Double Degree at RWTH Aachen University**

Highlighted Subjects:

- **Semiconductor Devices**
- **Design of CMOS Mixed-Signal Integrated Circuits**
- **Design of Radio-Frequency Integrated Circuits**
- **Internet of Things**



SCAN TO APPLY

APPLY NOW !!

1ST SEMESTER STARTS IN AUGUST 2025

THE SIRINDHORN INTERNATIONAL THAI-GERMAN GRADUATE SCHOOL OF ENGINEERING (TGGS)

FOR MORE INFORMATION, PLEASE CONTACT
TGGS ACADEMIC AFFAIRS, 3RD FLOOR, TGGS BUILDING
TEL. +66 2555 2931
WEBSITE: [HTTPS://TGGS.KMUTNB.AC.TH](https://tggs.kmutnb.ac.th)

#TGGSBANGKOK



KMUTNB Ranked in Thailand's Top University 2024

Research Quality **2ND** in Thailand

6TH in Thailand
1201-1500
in the world

by Times Higher Education World University Ranking 2024



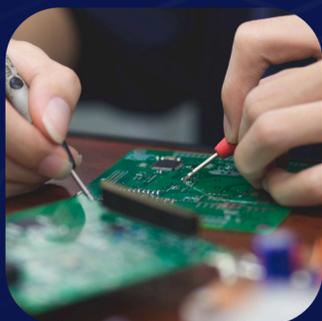
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MICROELECTRONICS DESIGN AND SEMICONDUCTOR ENGINEERING

Graduate Outcome

Graduates from this program are equipped with advanced technical expertise, practical experience, and a global perspective, enabling them to:

- Innovate in the design of analog, mixed-signal, and high-frequency integrated circuits for cutting-edge technologies.
- Drive advancements in wireless communications, IoT systems, and smart technologies, including smart cities and vehicles.
- Contribute to the semiconductor product lifecycle, from design to testing and application, addressing real-world challenges.
- Lead in international work environments, leveraging a strong foundation in engineering and cross-cultural collaboration.



Application Schedule



Application Open
Application Deadline
Interview List of Applicants
Interview Day
List of Recipients
Confirm the Right to Admission
List of Confirmed Recipients
Pay Fees and Tuition Fees

TCAS 3

6 May 2025
12 May 2025
27 May 2025
30 May 2025
5 June 2025
20 - 21 May 2025
7 May 2025
8 - 14 May 2025

TCAS 4

27 May 2025
9 June 2025
12 June 2025
13 June 2025
14 June 2025
17 - 18 June 2025
20 June 2025
21 - 25 June 2025

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