General information

Program requirement

- **Bac II or equivalent certificate**
- **English proficiency :** IELTS ≥ 4.5 or
  TOEFL iBT: ≥ 60 or equivalent certificate
- **Entrance exam at ITC :**
  Exam subjects: **Maths, Physics** and **Chemistry, Logic**

Study duration: 5 years

Year 1	Basic of engineering and social
Year 2	Basic of technology
Year 3	Foundation of materials (Polymer, ceramic and metal properties)
Year 4	Processing, Characterization technique and industrial training
Year 5	Joined project with industries and product design

Medium of instruction: English

What special in this program?

- MSE is unique for its wide range of industries including automotive, polymer, biomedical and electronic
- MSE is a field that keeps moving forward with the improvement of materials science and development of new materials and processes

Tuition fee: USD 2,500 per year

Scholarship

Merit-based scholarships are awarded as follows:

- **15% of the enrollment students get 50%**
- **15% of the enrollment students get 30%**

Collaborative partners

Sorbone Paris Nord University
France

Universiti Sains Malaysia
Malaysia

CRRI
Cambodia

SAILUN
CART TIRE CO.,LTD

ISI
STEEL CO., LTD

Contact us

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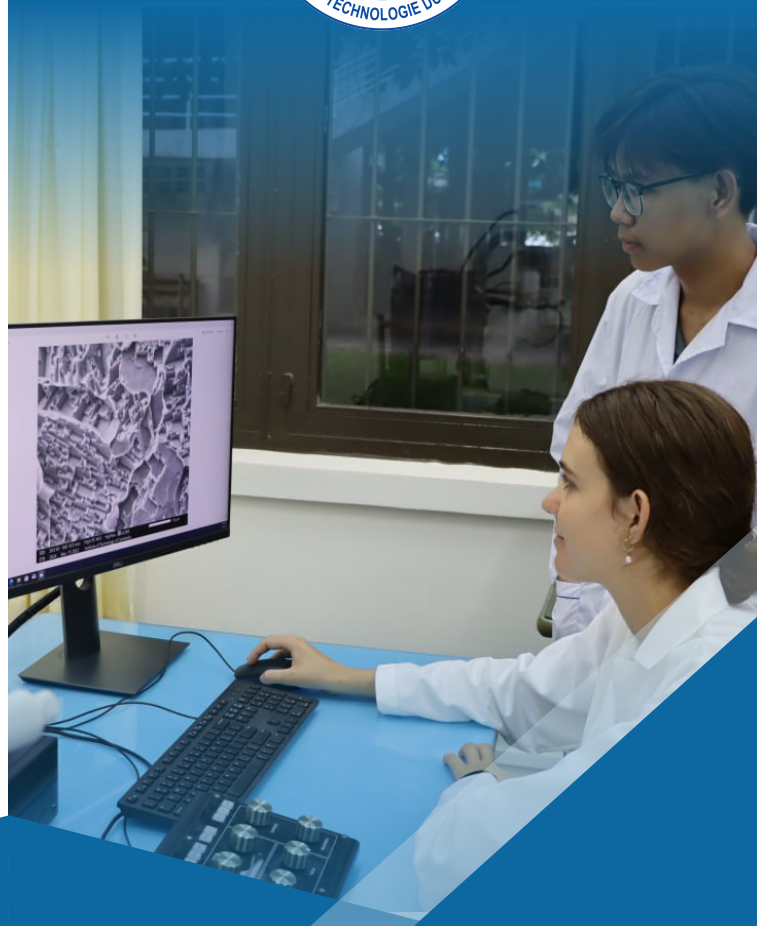
PO Box 86, Russian Confederation
Blvd, Phnom Penh, Cambodia

Application **NOW OPEN**

Deadline **24th November** 2024

Room **B117**, Building **B**, ITC

Scan here to register



International Program in **Materials Science and Engineering**

Background

The Engineer's degree in Materials Science and Engineering program is established in accordance with the improvement trend of industries in Cambodia, in region and globe. Materials have been used in various applications such as polymer, ceramics, metal and glass.

Our mission

Our mission is to provide high-quality education in the field of Materials Science and Engineering (MSE) to students, along with essential soft skills for their future careers.

What is Materials Science and Engineering?

The MSE program leads students to explore the diverse realm of materials, ranging from polymers, ceramics, and glass to metal and composites. Each course responds to actual industrial applications with practical experiments and independent research to ensure learners are well-equipped with engineering skill sets and an entrepreneurial mindset for problem-solving, product design, and advancement in material performance for improved consumption trends and product distribution in our country.

Why study Materials Science and Engineering?

Materials Science and Engineering has been identified as one of the prioritized sectors to contribute to the government's goal in 2030 and 2050. This program is the pioneer in Materials Science and Engineering established in Cambodia with human resources graduated from regional and international countries.

Career opportunities

- Materials Engineer
- Materials Processing Engineer
- Materials Operation Engineer
- Materials R&D Engineer
- QA &QC Engineer
- Product Design Engineer
- Materials Research Officer
- Further Master degree
- Other related position

Competencies

- Graduates will be able to use CAD software for product design
- Graduates will be able to work in laboratories
- Graduates will be able to create formula for various material applications
- Graduates will be able to operate laboratories equipment
- Graduates will be able to further higher degree
- Graduates will be able to select the right materials for certain applications



