

ACNET-EngTech

Newsletter



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2021 International Innovation Competition for Space Mission Design and Scientific Payload

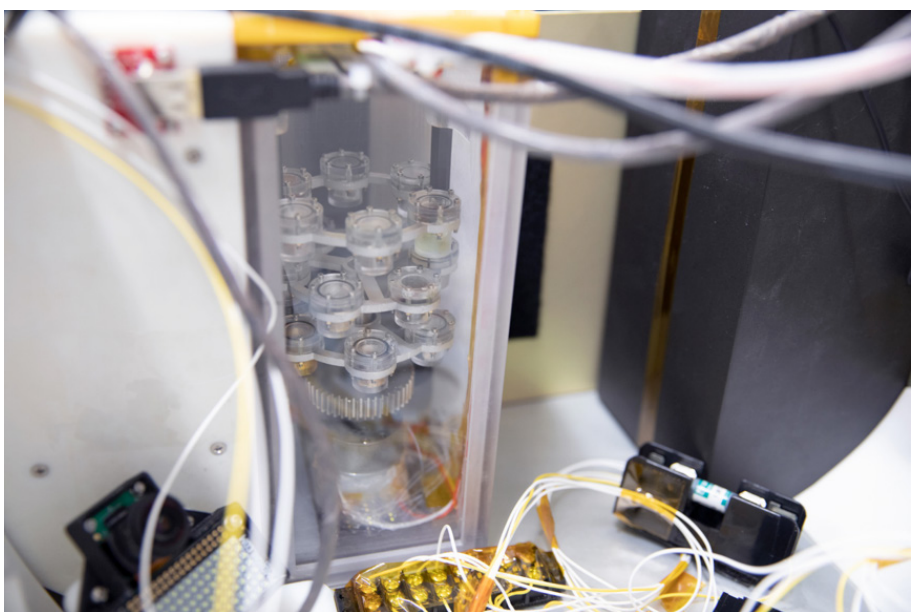
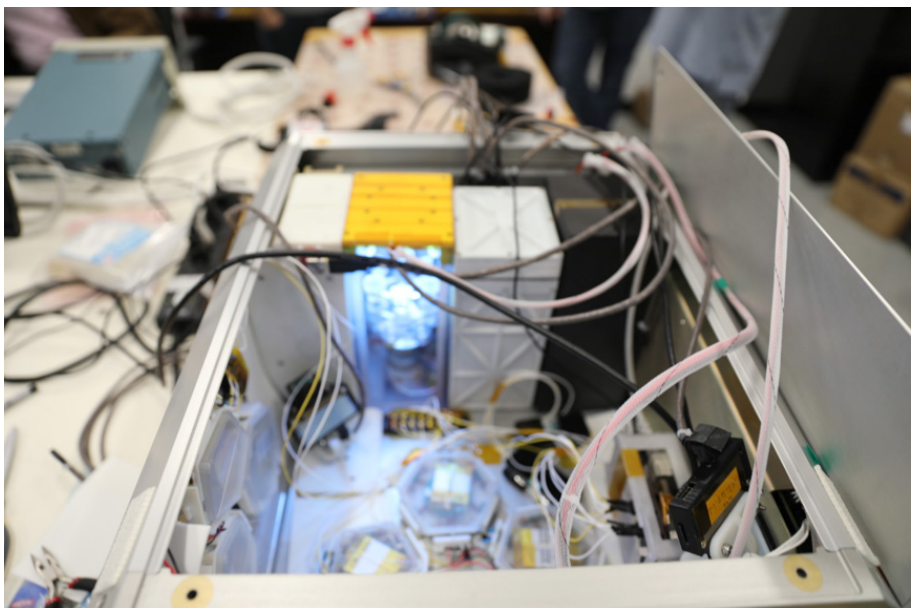
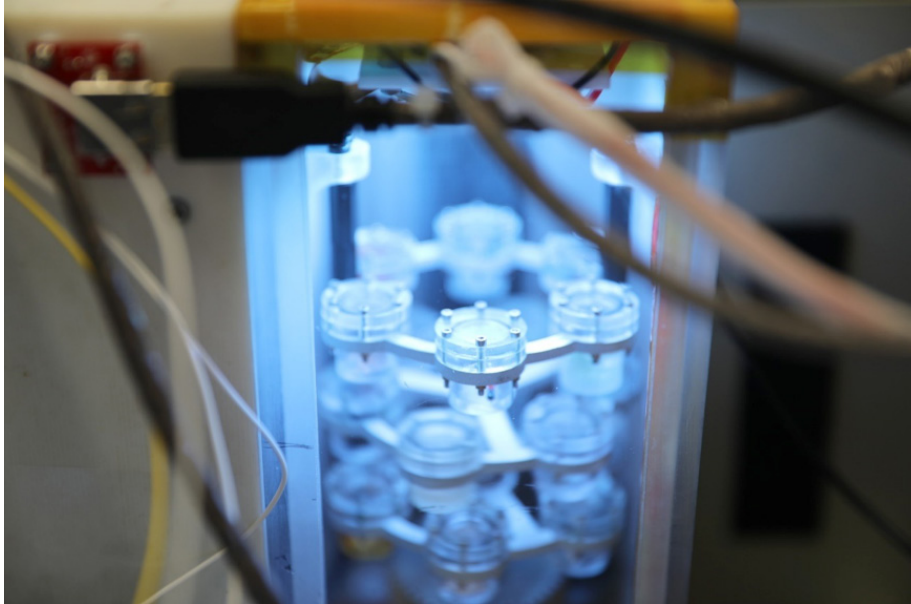
Exploring the unknown is the driving force of human civilization and social progress. Using spaceflight to explore the universe is a common pursuit of mankind. China's manned space mission is steadily progressing in accordance with the "Three Steps" plan and is currently moving to the third step, the establishment of a manned space station. Since June 2019, 9 projects from 23 entities in 17 countries have been selected to conduct the first batch of experiments around the Chinese space station.



2021 International Innovation Competition for Space Mission Design and Scientific Payload

To motivate students', science enthusiasts' and the public's passion for space missions, the Beijing Institute of Technology plans to launch the first International Innovation Competition for Space Mission Design and Scientific Payload (iSMD&SP) in the second half of 2021. Creative designs for space experiments and payloads will be collected from all universities comprising ACNET-EngTech. The best works will receive recommendations to be taken to the Chinese and international space stations.

The competition is scheduled to open registration in November 2021 with the final competition to be held in Beijing around July 2022. This August, we will carry out related activities in Guiyang during the China-ASEAN Education Cooperation Week. Please stay tuned!



A Successful Conclusion to the China-ASEAN Online Program on Data Science and Big Data Analysis

On January 21, the closing ceremony of the China-ASEAN Online Program on Data Science and Big Data Analysis was held. Students and program tutors from ASEAN and countries along the Belt and Road gathered again to witness the fruits of their studies and share in the joy of graduation. Hu Wenping, Vice President of Tianjin University, and representatives from the School of Mathematics, Office of International Cooperation and School of International Education, attended the closing ceremony.

China-ASEAN Online Program on Data Science and Big Data Analysis

35 Students

190⁺ Hours

Xiamen University Malaysia
 University of Malaya
 Sepuluh Nopember Institute of Technology
 Institut Teknologi Sepuluh Nopember, Surabaya
 Tianjin University
 Tizet Sda Bhd
 Department of Meteorology and Hydrology
 Afdas Akaba Science and technology agency
 Institut Teknologi Sepuluh Nopember
 Shaanxi Normal University Xi'an China

Chinese Culture Python Foundation for Big Data Analysis
 Social Network Analysis, Big Data Statistics
 Introduction to Data Science
 China-ASEAN Forum
 Named entity recognition task in natural language processing
 Sentiment analysis in natural language processing
 The variational modal and algorithm for CT image reconstruction
 The variational model and algorithm for image deblurring
 Research on Vehicle License Plate Location Technology
 Traffic signal warning
 Deep Learning-based Offloading for Mobile Edge Computing Networks
 Task detection based on the deep learning methods
 Study of face detection methods in image or video

94% of the students are **satisfied** with the program as a whole.

95% of the students hope to continue participating in such activities and would like to **recommend** them to their friends.

Chan Jin Wei
 12:54
 Just received thanks 🙏



About ACNET-EngTech People

2nd ASEAN-China 'Learning about the Ocean' Student Film Competition (2021)

Based on the theme of this year's World Ocean Day and in order to stimulate awareness among young students in ASEAN countries and China to protect the marine environment, the 2nd ASEAN-China 'Learning about the Ocean' Student Film Competition (SFC), which is co-organized by the ASEAN-China Smart Ocean Center (ACSOC) of Tianjin University and Fujian Institute for Sustainable Oceans (FISO) (Xiamen University), is now open to entries.

Entry website for the SFC is:
<https://marine.aitamen.cn>

For more information, please contact:
tju_smartocean@163.com

2021

LEARNING ABOUT OCEAN

STUDENT FILM COMPETITION

中国-东盟智慧海洋中心
ASEAN-China Smart Ocean Center

1ST PLACE: RMB 5000

2ND PLACE: RMB 3000

2021/6/8-2021/10/11

- Marine Carbon Neutral
- Marine New Energy
- Marine Pollutant Transfer
- Innovation Marine Sustainable Management
- Extreme Weather Conditions
- Marine Ecological Restoration
- Marine Microplastic
- Ocean-related Stories
- Marine Endangered Species
- Guardians of Ocean

Scan for
more
information

Summer School at Tianjin University

The School of Civil Engineering will jointly organize an online international summer school program with Grenoble-Alpes University, France in July 2021. It will focus on geotechnical engineering theory and is targeted towards graduate, undergraduate and high school students. The program will be carried out in the form of courses, lectures, research and discussions.



Contact:
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The School of Chemical Engineering will jointly organize an online international summer school program with universities from ACNET-EngTech in August 2021. The program will focus on traditional chemical engineering and is targeted towards high school students and undergraduates. It will be carried out in the form of courses, lectures, research and discussions.



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Short-term Online Chinese Language Program

华南理工大学
South China University of Technology

INTRODUCTION TO SOUTH CHINA UNIVERSITY OF TECHNOLOGY

South China University of Technology (SCUT) is one of China's leading universities, and one of the national 211 and 985 project universities directly under the Ministry of Education in China. Since its establishment in 1952, SCUT has developed into a major comprehensive university with leading disciplines in science and engineering, meanwhile SCUT offers multiple disciplines of study including science, engineering, business, management, liberal arts, law, bio-medical science, and art design. SCUT is composed of 32 colleges, and it ranks 17th in the academic ranking of all universities in China and its engineering discipline ranks 22nd in the discipline ranking of the world. SCUT is located in Guangzhou which is very close to Hong Kong and Macau. It has three campuses: the Wushan campus, the University Town campus, and the Guangzhou International campus. SCUT strives to be an exceptional example for the entire international university community. It is active in academic exchange and has forged vital relationships with more than 200 overseas universities, including Cambridge University and Harvard University. In 2019, SCUT had about 2500 international students from 130 countries around the globe. The international profile of SCUT has been raised dramatically, and has played a more and more important role in the development of global higher education.

Engineering, Material Chemistry, Chemistry and Agricultural Science

TOP 1%
ESI Ranking

Light Industrial Technology and Engineering, Food Science and Engineering, Urban and Rural Planning Materials Science and Engineering, Architecture, and Chemical Engineering and Technology. Ranked among Chinese universities.

前10%
Subjects

Intermediate level	Monday	Tuesday	Wednesday	Thursday	Friday
Morning/Afternoon/Evening	Comprehensive Chinese Topical Cultural Courses	Oral Chinese Cultural Experience Courses	Comprehensive Chinese Chinese Culture	Oral Chinese Cultural Experience Courses	Comprehensive Chinese Topical Cultural Courses

Advanced level	Monday	Tuesday	Wednesday	Thursday	Friday
Morning/Afternoon/Evening	Advanced Chinese Cultural Experience Courses	Reading Topical Cultural Courses	Advanced Chinese Cultural Experience Courses	Reading Topical Cultural Courses	Advanced Chinese Cultural Experience Courses

Remarks:

It's a two-week (You can program choose morning class, afternoon class or evening class from Monday to Friday). Students can flexibly select two weeks, and the specific class time can be adjusted to the students' convenient time.

Schedule (Weekend class)

Elementary level	Saturday	Sunday
Morning/Afternoon	Topical Chinese Listening and speaking/Topical Cultural Courses	Listening and speaking Topical Chinese

Intermediate level	Saturday	Sunday
Morning/Afternoon	Comprehensive Chinese Oral Chinese	Comprehensive Chinese Topical Cultural Courses

Advanced level	Saturday	Sunday
Morning/Afternoon	Business Chinese Business etiquette	Business Chinese Topical Cultural Courses

Remarks:

Students can choose flexibly five consecutive weekends of half day of Saturday and Sunday (morning class or afternoon class every Saturday and Sunday)

CONTACT

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School of International Education
South China University of Technology
University Town, Panyu District, 510006,
Guangzhou, China

Summer School at the South China University of Technology

SCUT Short-term Online Chinese Language Program is designed to improve their Chinese abilities. To meet different needs of students, from basic Chinese as well as how to apply Chinese in their daily life, to understanding of Chinese culture and communication exchange. A completion certificate will be awarded to each student after the completion of the program.



language Program is designed for people from all over the world. The curriculum is designed according to students' Chinese level to use on improving listening, speaking, reading and writing skills in their daily life. Students participating in the program will gain better understanding of Chinese culture and learn how to use Chinese for communication and exchanges related to cultural experience. A completion certificate will be awarded to each student after the completion of the program.

ELIGIBILITY

International students, working people or anyone who wants to improve Chinese language abilities all over the world

APPLICATION PROCEDURES

Online application: www.scut.edu.cn/apply
Upload the clear scanned copy of passport

FEES

Tuition: 640 RMB/ per student

Program Overview

1. Objectives :

Chinese language courses are provided according to the students' Chinese abilities, which is to comprehensively improve their listening, speaking, reading and writing skills, as well as the ability to use Chinese in their daily life. Through various cultural courses, students will have a deeper understanding of Chinese culture and learn to use Chinese for communication and exchanges related to cultural experience.

2. Curriculum:

Topical Chinese, comprehensive Chinese, listening and speaking, oral Chinese, advanced Chinese, business Chinese, topical cultural courses, cultural experience courses, etc.

3. Teaching methods:

Small classes online live teaching, both weekday classes and weekend classes are available whenever the number of students reaches 8, generally there are 15 students per class.

Schedule (Weekday Class)

Elementary level	Monday	Tuesday	Wednesday	Thursday	Friday
Morning/Afternoon/Evening	Topical Chinese Cultural Experience Courses	Listening and speaking Topical Cultural Courses	Topical Chinese Cultural Experience Courses	Listening and speaking Topical Cultural Courses	Topical Chinese Cultural Experience Courses

- 2425 International Students
- TP 17 Among the Universities in Mainland China
- 213 Key Laboratories of provincial and ministry level
- 7270,000 Collection Volume in Library
- 151-200TH Academic Ranking of World University
- 37 亿元 Research Funding
- China's Dual Distinguished University Project SCUT and its Subjects are Selected in it
- TOP 22 Global academic ranking In the discipline of engineering
- 99.71% The Employment Rate of Postgraduates
- 15 Members of CAS/CAE Academies in Members of the Chinese Academy of Science (CAS) or the Chinese Academy of Engineering (CAE)
- Top5 in Chinese Universities



Tianjin University
Chinese Government Scholarship
Silk Road Program & Chinese University Program

Living allowance:
3000 RMB/ Month(Master),3500 RMB/ Month(Ph.D)

Tuition Waiver

Free On-Campus Accommodation
Comprehensive Medical Insurance

TEL: 86-22-27406691
Email: graduate@tju.edu.cn

Scan the QR Code to Apply Now!

Tianjin University
Peiyang Future Scholar Scholarship

Tuition subsidy: 38000RMB/Academic Year
Living Allowance: 3500RMB/month
Free On-Campus Accommodation

TEL: 86-22-27406691
Email: graduate@tju.edu.cn

Scan the QR Code to Apply Now!

Tianjin University
Qiushi Scholarship for Bachelor Programs

Tuition subsidy: 20,000RMB/Academic Year
Living Allowance: 2,500RMB/Month
Free On-Campus Accommodation

TEL: 86-22-27406691
Email: undergraduate@tju.edu.cn

Scan the QR Code to Apply Now!

Tianjin University 2021 Fall Intake

Study @ TJU

Tianjin University (TJU) 2021 fall intake is calling for international applicants. In addition to the Chinese Government Scholarship and Tianjin Government Scholarship, TJU has specially established two new scholarships for international students.

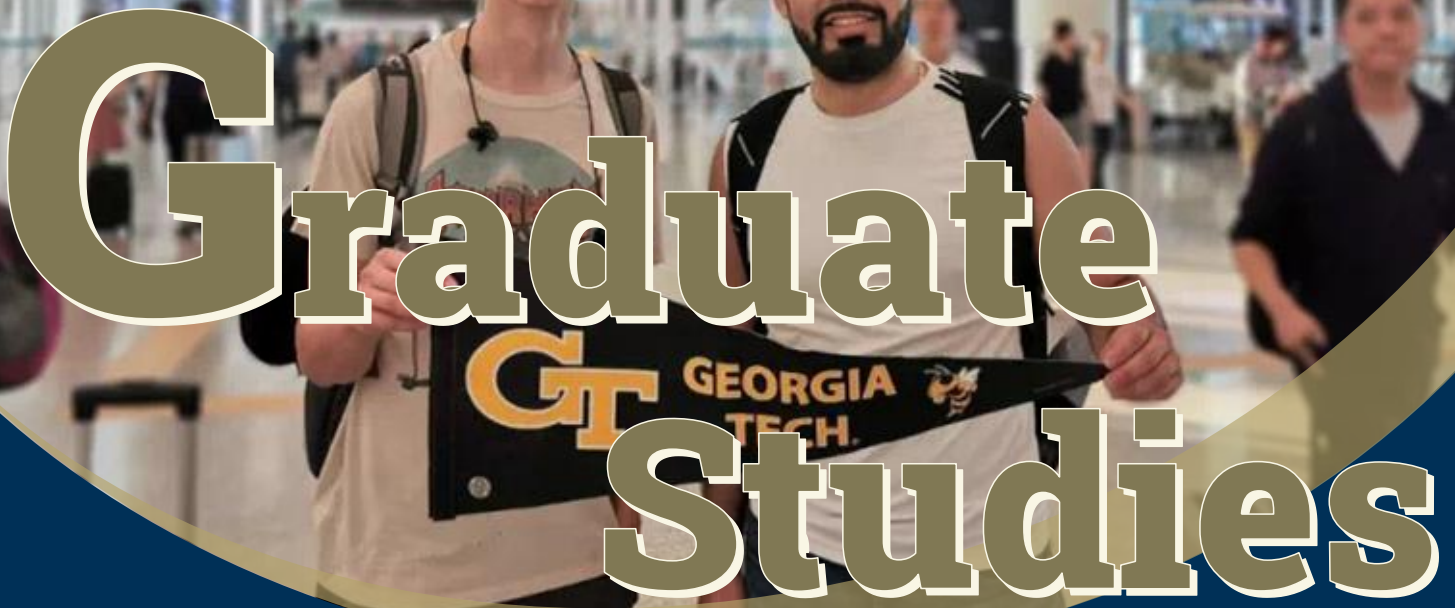
The Qiushi Scholarship, which embodies TJU's motto "Seeking Truth from Facts", has been established in the hope of funding more international students to participate in undergraduate programs and providing them with opportunities to experience the academic charm of TJU.

The Peiyang Future Scholar Scholarship, which comes from TJU's original name "Peiyang University", is a scholarship set up for doctoral students through which TJU will fund qualified candidates and researchers to pursue their academic dreams at TJU, thereby cultivating high-level academic scholars.

For more information, please refer to:
<http://sie.tju.edu.cn/en/jxj/zgzfjxj/>

Scan the QR code to begin your application today:



Graduate Studies

About Us

On March 25, 2020, the Chinese Ministry of Education (MOE) has approved the establishment of Georgia Tech Shenzhen Institute (GTSI), Tianjin University as a Sino-Foreign Cooperative Education Institute between Georgia Tech and Tianjin University. The institute's name in Chinese is 天津大学佐治亚理工深圳学院. GTSI will initially focus on graduate education offering Georgia Tech Master's degree programs in Analytics, Computer Science (CS), Electrical and Computer Engineering (ECE), Environmental Engineering (ENVE), and Industrial Design, as well as Georgia Tech PhD degree program in ECE. **At GTSI, students will earn the SAME Georgia Tech diploma as that issued in Atlanta.**

Admission

*Scan
Here*



Requirements

- Hold the equivalent of a U.S. four-year baccalaureate degree earned at a regionally accredited institution;
 - English Proficiency Requirements. For program specific entrance requirements, please refer to our official webpage for details;
- Note: GRE/GMAT is required for specific programs.

Tuition

- 45,000 RMB per semester. Normally, it takes a student 3 semesters to complete a GT MS degree.
- If a student chooses to spend the last semester at GT-Atlanta or GT-Lorraine, he/she will need to pay the tuition and fees directly to that campus.

Scholarships

- Coulter Scholarships
- Merit-Based Scholarships
- NACA Scholarships

How to Apply

- Please submit your application via <https://grad.gatech.edu/apply-now>;
- Application deadline: 01 May for Fall semester; 01 Oct for Spring semester.

MS Electrical and Computer Engineering (MSECE)

Georgia Tech ECE is one of the top-ranked schools in the nation with the largest program of its kind in the United States. Our diverse and talented student body come from all over the world. They come to experience ECE's first-class education and research programs, which offer a multitude of customizable options: flexible pathways with 11 technical interest areas, 300-plus student organizations, more than 80 study abroad programs, and 19 Georgia Tech research centers, to name a few.

MS Analytics (MSA)

The MSA is an interdisciplinary analytics and data science program that leverages the strengths of Georgia Tech in statistics, operations research, computing, and business by combining the world-class expertise of the Scheller College of Business, the College of Computing, and the College of Engineering. By blending the strengths of these nationally ranked programs, graduates will learn to integrate skills in a unique and interdisciplinary way that yields deep insights into analytics problems.

MS Environmental Engineering (MSEVNE)

The MSEVNE provides comprehensive educational and research opportunities in air, land, and water science and engineering. Our faculty members have a broad range of experience and expertise. They work in top-notch research facilities. They collaborate extensively with other engineering and science faculty across campus.

MS Computer Science (MSCS)

The MSCS program is designed for students who possess a bachelor's degree in computer science from an accredited institution. Students with a bachelor's degree in other than computer science are encouraged to apply as well, with the understanding that they may be required to complete remedial course work in addition to the requirements of the MSCS degree.



Dr. Wenshan Cai
Program Director

*Associate Professor
School of Electrical and Computer Engineering
Georgia Institute of Technology*



Dr. Xiaoming Huo
Program Director

*A. Russell Chandler III Professor
School of Industrial and Systems Engineering
Georgia Institute of Technology*



Dr. Jian Luo
Program Director

*Associate Professor
School of Civil and Environmental Engineering
Georgia Institute of Technology*



Dr. Alessandro Orso
Program Director (INT)

*Professor and Associate Dean
School of Computer Science
Georgia Institute of Technology*

Admissions Enquiries

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For More
Information
www.gtsi.edu.cn
www.shenzhen.gatech.edu

03

About the Members

Universiti Malaya

Founded in 1905, Universiti Malaya (UM) is the oldest university in Malaysia. It is situated on a 922-acre (373 hectare) campus in the southwest of Kuala Lumpur. Since its establishment, UM has evolved to become one of the top universities in the world. It is ranked 59th in the QS World University Rankings 2021 and 9th in the QS Asian University Rankings 2021. Today, UM has more than 28,000 students and over 2,100 academic staff.

With over 175 laboratories to support teaching and research, the Faculty is committed to delivering a high-quality learning experience to students. Today, the Faculty has 155 academic staff members, 34% of whom hold Professional Engineer (PEng) status while 48% are designated as Chartered Engineer (CEng). The Faculty hosts over 2,200 undergraduate students and 730 postgraduate students. More than 34% of the postgraduate students are international students.

To ensure strong engagement with industries, the Faculty has set up the engineering@UM - Industrial Innovation Center (eUM-IIC) inside the campus. A number of industries including Daikin, Japan Air Filter, Össur, Ducom, RGS, China Solid State Lighting Alliance (CSA) and Motorola, are setting up their laboratories in the Faculty to support the teaching and research activities. The long-term goal of this new academic-industry partnership is to develop new funding streams for the Faculty.



Universiti Malaya

Research in the Faculty of Engineering

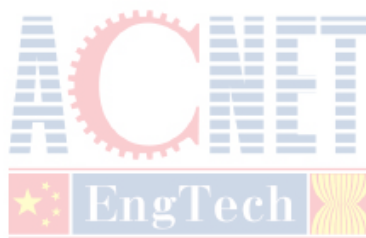
The Faculty is ranked 55th in Engineering and Technology in the QS World University Rankings 2020 and 17th in the Best Global Universities in Engineering 2021 by US News. This global recognition is the result of continuous efforts toward improvement in teaching and research. In fact, the Faculty of Engineering is considered among the most active Faculties in the country in terms of research output. In the last five years, the Faculty has produced over 500 PhD graduates. Furthermore, more than 7,200 scientific articles have been published in high impact journals since 2010 (indexed in the ISI Web of Science) as a result of strategic collaborations with global institutions from over 90 countries. This highlights the global networking capabilities of the Faculty. During the pandemic, the Faculty has been actively involved in a number of research projects as part of a collective effort to combat Covid-19. Examples include developing a sterilizing machine to decontaminate face masks using ultraviolet germicidal irradiation, aerosol collectors for Covid-19 prevention during dental treatment, and an indoor airflow analysis system to prevent airborne Covid-19 infection. These R&D involvements are the manifestation of the Faculty's commitment to contributing to the nation.

Further information

Faculty of Engineering Website: <https://engine.um.edu.my/>

Universiti Malaya Website: <https://www.um.edu.my/>





中国-东盟工科大学联盟

ASEAN-China Network for Cooperation and Exchanges among Engineering and Technology Universities

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ASEAN side

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Official Website:

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Please scan the QR code to learn more
about ACNET-EngTech

