



## About GIFT

Global Institute of Future Technology, Shanghai Jiao Tong University (GIFT hereafter) is one of the **first 12** institutes of future technology initiated by China's Ministry of Education, and is by far the **only one** based in Shanghai.

Officially inaugurated on August 19, 2021, GIFT is committed to building an internationally influential faculty, creating cutting-edge interdisciplinary teaching and research platforms, and cultivating innovative scientific and technological leaders who can address global challenges and contribute to future development.



cradle for future leaders



incubator for future industries



engine for technological revolution

# Global Institute of Future Technology

## Study at GIFT

Our undergraduate and graduate programs feature **experiential engineering education**, and a consistent system of education from undergraduate to doctoral training. We provide students with a solid foundation, in-depth knowledge and research experiences in the field of sustainable energy and health sciences and technology.

Our curricula are designed to enable students to have deep insights and demonstrate innovative solutions whether from the perspective of academic research or industrial application. We cultivate in students the ability to conduct research independently and to communicate intercultural-ly, and we equip them with the strategic vision and global competence needed to be leaders in their own chosen fields.



global vision



innovative spirit



interdisciplinary research



leadership

# Our Faculty

# 100%

with overseas background  
and doctoral degrees  
from top universities

# 43

faculty members



Jun Ni  
Wisconsin-Madison



Yabing Qi  
UC Berkeley



Ruigang Yang  
NCSU



Mian Li  
Maryland



Shouhang Bo  
MIT



Jiayu Wan  
Stanford



Hongyi Xin  
Carnegie Mellon



Xiangwen Gao  
Oxford



Yujun Xie  
Yale



Fatih N. Guer  
TU Dresden

## Research

At GIFT, we educate tomorrow's  
leaders and drive innovative  
discoveries through

# 10+X

cross-disciplinary research  
platforms which strive to push  
back the frontiers of science.

### Research Centers

- > Innovation Center of Intelligent Connected Electric Vehicle
- > Future Battery Research Center
- > Center for Advanced Energy System and Reliability
- > Future Photovoltaics Research Center
- > Center for Green Energy and Future Agriculture
- > Intelligent Extreme Manufacturing Research Center
- > Center for Brain Health



## Our New Home

GIFT's new building is scheduled to be  
completed in 2026 with a usable area of  
60,000 square meters. Once inaugurated,  
it will form a twin building with the  
adjacent CATL Future Energy Research  
Institute. Together, these two aim to  
become a hub leading the development  
of future energy and health technology  
industries.

60,000 m<sup>2</sup> Twin Building



## Study at GIFT

GIFT is accrediting to  
provide following Ph.D programs:

Mechanical  
Engineering

Control Science  
and Engineering

## Contact

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