

Zhejiang University of Science and Technology (ZUST) is a multi-disciplinary full-time regular university under the direct guidance of Zhejiang Provincial Government, which focuses on engineering with additional disciplines in arts, management, science, and economics.

ZUST has two campuses. Xiaoheshan Campus is located in the city of Hangzhou, which is well-known for the headquarter of Alibaba Group and its developed ICT industry. It is the capital of Zhejiang Province, one of the most prosperous provinces in China. Also as one of the most beautiful cities in China, Hangzhou boasts various charming scenic spots, rich history and culture. Anji campus is situated in Anji county which won the United Nation Habitat Scroll of Honor Award.

ZUST has 14 schools and offers 56 undergraduate programs, 3 first-class disciplines with master's degree conferring right, 20 second-class disciplines with master's degree conferring right, 2 master's degree-conferring programs. At present, ZUST is running 10 English-taught undergraduate programs and 11 English-taught postgraduate programs. Meanwhile, ZUST provides a master's degree program of Teaching Chinese to Speakers of Other Languages (MTCSOL). ZUST is one of the top universities in Zhejiang province from the perspective of English-taught programs numbers. It was authorized for the qualification and profession of international student education by the Ministry of Ed-

ZUST has been designated as pilot institution of Chinese-German cooperation in the area of application-orientated talent cultivation by the Ministry of Education. Up until now, ZUST has successfully established cooperative relationships with 104 universities in Germany, USA, Italy, UK, Australia, France, Japan, Korea, Holland, Belgium, Romania, etc. ZUST is still making strides in the development of international cooperation in the areas of faculty and student exchange, research and degree programs.



Program

English-taught Bachelor Program

The Communication Engineering major in ZUST was established in 1980s and has progressed rapidly to become one of the key construction majors of Zhejiang Province, China. We provide diverse curricula which instil in our students the imagination, talents, creativity, and skills necessary for the varied and rapidly changing demands of modern life. Our curricula not only cover practical courses using official training materials for career certification such as Huawei Certified ICT Associate/Professional/Expert (HCIA/HCIP/HCIE)-Routing & Switching, preparing our students for a career in the industry, but also Artificial Intelligence (AI)-related courses such as Machine Learning to prepare them for further studies in cutting-edge research areas.

Main Courses

Communication Networks

Object-Oriented Programming

Embeded Systems

参 杭州讯牛科技有限公司 HUND HUND

Related Companies

ZTE中兴

东 EASTCOM

Related Universities

和这种意义等 Nanjing Universitous

with C++/Java

Foundation

Programming

High Frequency Technology

Digital Circuits

Research-focused

Signals and Systems

Machine Learning

前州地铁 HANGZHOU METRO

中控·SUPCON

SUN 中国通信服务浙江工程公司
CHINA COMSERVICE ZHEJIANG CONSTRUCTION CO.,LTD

Communication System

Circit Theory

Network Routing and Switching
 Digital Communications

*Huawei Certified ICT Associate/Professional/Expert coursework

HIKVISION

Related English-taught Master Program

Offered by the same School of Information and Electronic Engineering (ITEE), Advanced Manufacturing and Informatization is an interdisciplinary discipline with mechanical engineering, computer science and technology, software engineering, and information and communication engineering.

Career Prospects

At present, the ICT industry is in rapid development, and therefore all kinds of new information systems such as mobile internet, internet of things, vehicular networking, unmanned vehicle, unmanned aerial vehicles, smart phones and corresponding information services such as mobile payment emerge in endlessly, which requires many communication engineering talents, maintaining the optimistic prospect of employment.

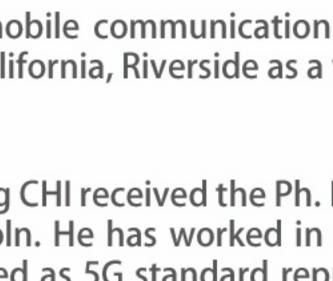
After four years of study in Communication Engineering, approximately half of the graduates start a career in the industry, qualified as network engineers, hardware engineers, software engineers or project managers, who can go to communications, electronics, information technology companies such as ZTE, Nokia, Alibaba, etc.

The other graduates continue to pursue postgraduate studies, in universities around China and overseas e.g. in Canada. Their excellent academic performance and extra-curriculum activity gives them an overwhelming advantage in scholarship applications. Many graduates proceed to pursue master's degree at our own ITEE school with familiar supervisors.

Strong Academic Team

The Department of Electronic Engineering has over thirty academic staff with rich industry and research experience. Ten have Ph. D degrees from world-renowned universities, and seven have long-term overseas teaching or working experience in English.

key technologies in 5G mobile communication system. In 2012 she worked in University of California, Riverside as a visiting scholar.



Dr. Liang CHI received the Ph. D degree from the University of Nebra ka Lincoln. He has worked in the patent lawyer office as a specialist and acted as 5G standard represent for Shanghai Bell-Alcatel-Lucent Company. Now he focusses on the LTE physical layer study.

Zhaodi GUO, Associate Professor. Courses taught: C Programming, Signals and Systems, Digital Electronic Technology, C++ Program, Digital Image Processing.



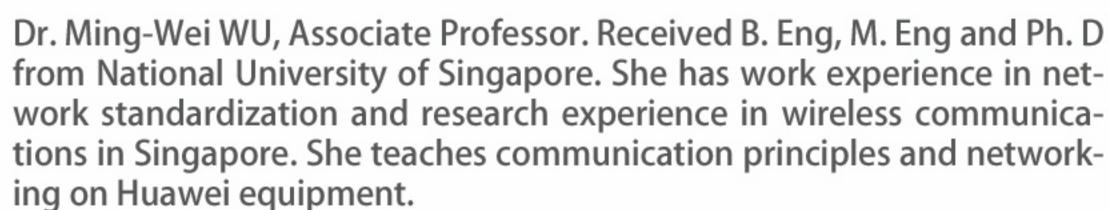
Ang LIU, Lecturer. His research covers equipment maintenance o

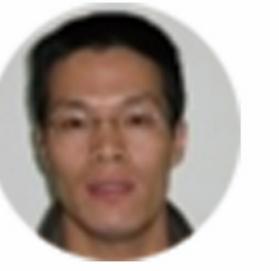
technology research and certified network engineer training. He ha more than eight years work experience in military research institute.



design of communication system and IoT system based on embedded







Enrollment Advantage

A new information and communications technology (ICT) integration center of production and education was established in April 2018 together with ZTE Corporation. ZTE Corporation is a global leader in telecommunications and information technology, committed to providing communication devices and services over 160 countries around the world. There are four labs in our ICT center with a total investment of over ten million CNY, including LTE Mobile Communication Lab, Cloud Communication Lab, Data Communication Lab and PTN Network Communication Lab. The center supports extensive course teaching, experiments, projects, part-time jobs, internship opportunities and competitions.

Students are assigned their personal mentors to guide in course selection, to suggest career path, to provide additional resources and laboratory access, to supervise after-class hands-on projects and competitions, to arrange on-campus part-time positions and industry internship opportunities. Our graduates have achieved excellent GPA performance and numerous competition awards, scholarships and







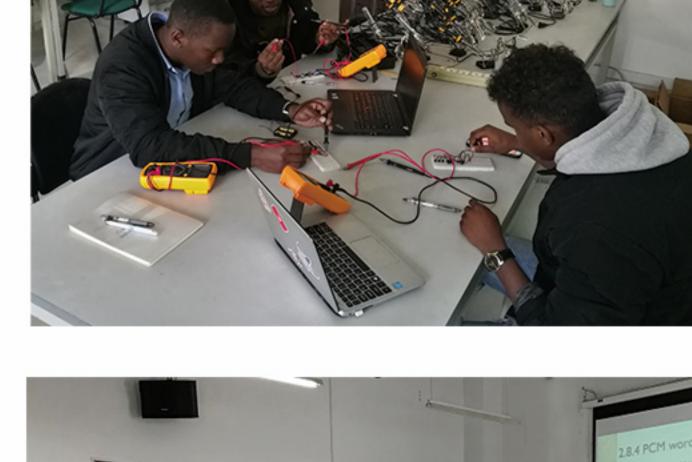
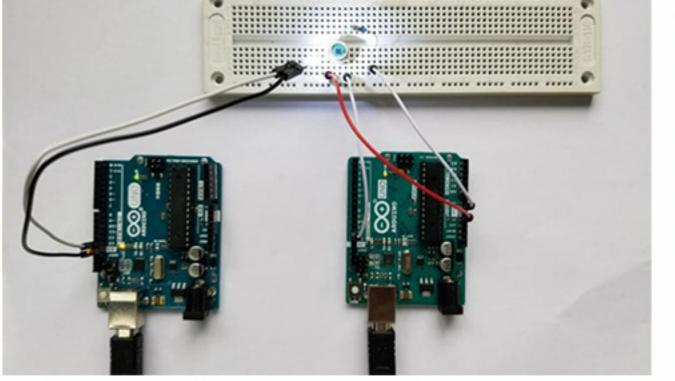




Photo Gallery



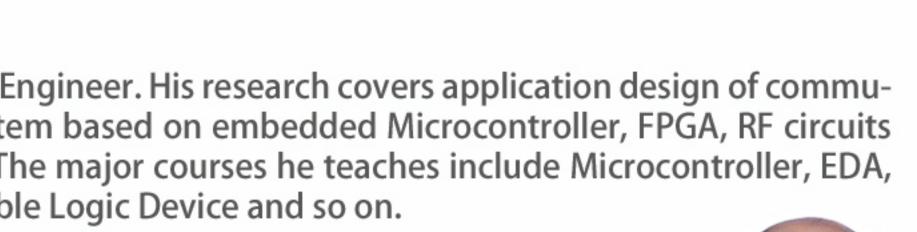


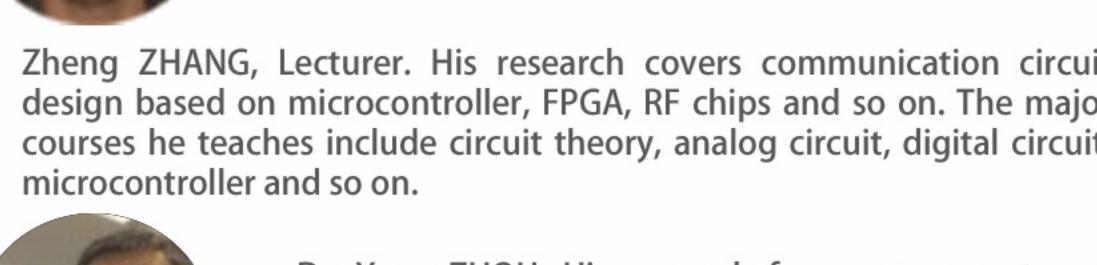












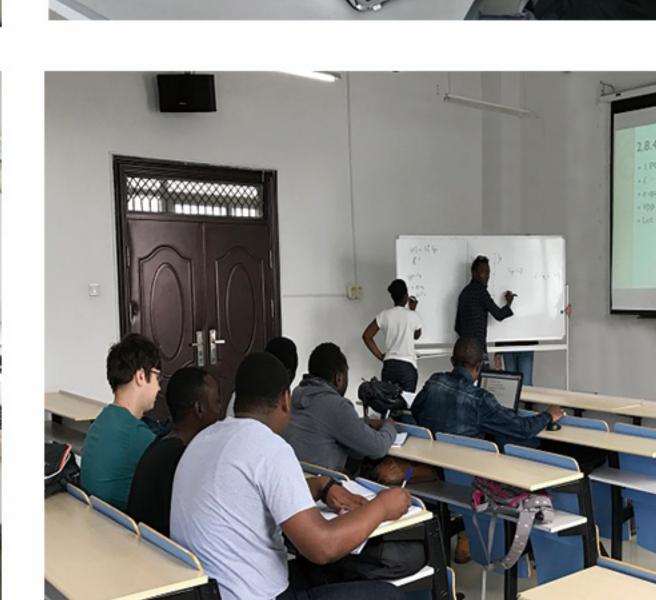


Dr. Yang ZHOU. His research focuses on spectroscopy analysis, oct tural applications. He has more than one-year work experience in Duke

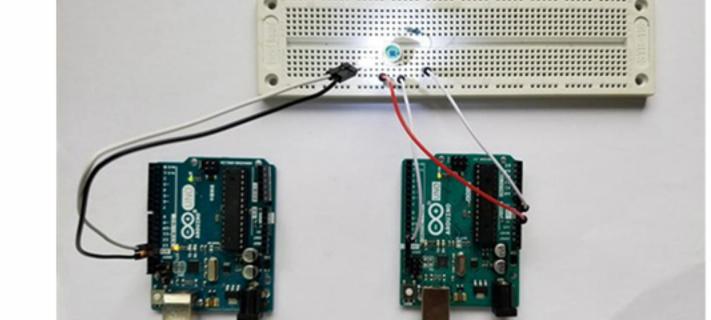


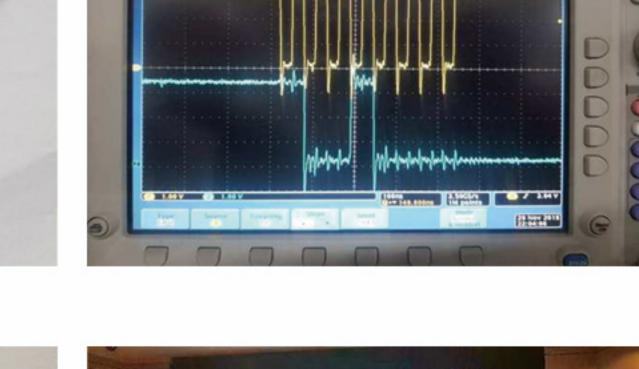




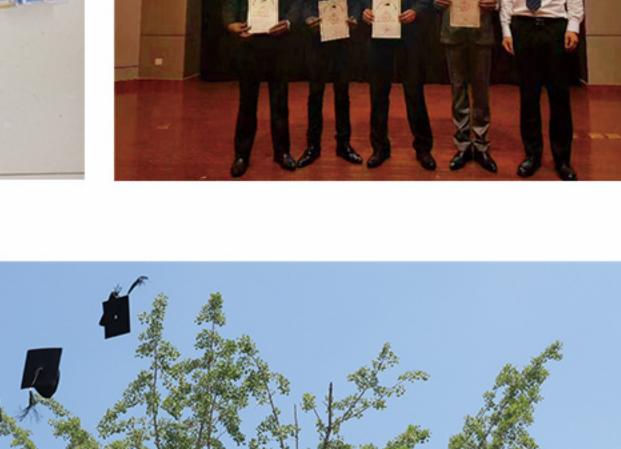












Research

The Department of Electronic and Information Engineering is actively engaged in cutting-edge research in various topics in communications and artificial intelligence, e.g. wireless and optical communications, machine vision, machine learning, image processing.

Research Grants

- Mingwei WU, Design and Performance Analysis of Automatic Repeat Request with Channel Gain Monitoring, National Natural Science Foundation of China (NSFC), 2013-2016
- Fangni CHEN, Research on Self-Interference Cancellation of Full-Duplex MIMO System under Non-Ideal Condition, NSFC,
- Zhongpeng WANG, Theoretical Research on Transmission of Optical Compressive Sensing-Based OFDM Based on Orbital Angular Momentum, Natural Science Foundation of Zhejiang Province, 2017-2019
- Wujie ZHOU, Research on Asymmetric Distortion Visual Quality Évaluation Model Based on Data Mining and Perception Ánalysis, NSFC, 2016-2018

Publications

- Y. Zhou, T. Liu, Y. Shi, et al, "Automated internal classification of beadless Chinese ZhuJi fleshwater pearls based on optical coherence tomography images," Scientific Reports, vol. 6, pp.
- M.-W. Wu and P. Kam, "ARQ with channel gain monitoring," IEEE Transactions on Communications, vol. 60, no. 11, pp. 3342-3352, 2012.
- Z. Wang, and W. Qiu, "Secure image transmission over DFT-precoded OFDM-VLC systems based on Chebyshev chaos scrambling," Optics Communications, vol. 397, pp. 84-90,
- F. Chen, and Z. Wang, "A post-coding scheme for peak-to-average power ratio reduction in intensity modulated optical OFDM systems." Optoelectronics Letters, vol. 10, no. 4, pp. 295-298, 2014.
- W. Zhou, L. Yu, W. Qiu, T. Luo, Z. Wang, and M. Wu, "Utilizing binocular vision to facilitate completely blind 3D image quality measurement," *Signal Processing*, vol. 129, pp. 130-136,
- Y. Zhao, X. Xu, and Y. He, "A novel hyperspectral feature-extraction algorithm based on waveform resolution for raisin classification," Applied Spectroscopy, vol. 69, no. 12, pp. 1442-1456, 2015.
- D. Ge, and W. Zhou, "Discrimination of different myocardial infarction stages using wide band electrocardiogram," Biomedical Signal Processing and Control, vol. 25, pp. 143-149, 2016.

Scholarships

V Silk Road Scholarship-Chinese Government Scholarship

Full scholarship: Tuition; Free on-campus dormitory accommodation (double room); Monthly living allowance: RMB 2,500 per month; Comprehensive medical insurance

Chinese Government Scholarship

Full Scholarship-tuition, Accommodation, Insurance and Living allowance

Confucius Institute Scholarship

Full Scholarship-tuition, Accommodation, Insurance

Zhejiang Provincial Government Scholarship

Master Degree-RMB 30,000; Bachelor Degree-RMB 20,000; Advance Study Program-RMB 6,000

Outstanding New Students of ZUST

First place-100% of first year's tuition fee; Second place-70% of first year's tuition fee; Third place-50% of first year's tuition fee

Academic Scholarships

Excellent Degree Foreign Students Scholarship Excellent Chinese Language Foreign Students Scholarship Scholarship for HSK

Personalized Scholarships

Scholarship for Hard-Working Scholarship for Innovate and Practice Scholarship for Social Service Scholarship for Arts and Sports Activities Excellence

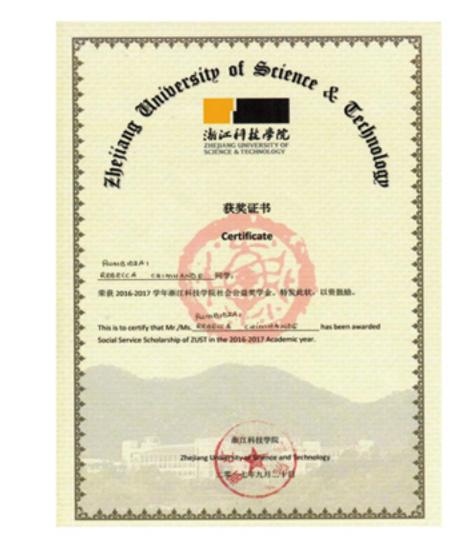
Apply online at http://isam.zust.edu.cn/

Videos and More Info



Achievements

Scholarships







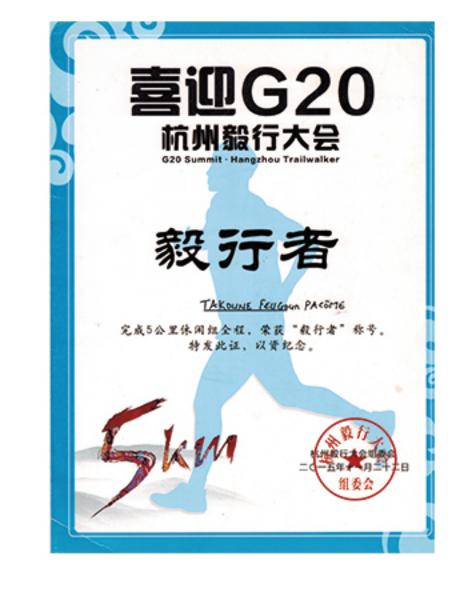
Certifications







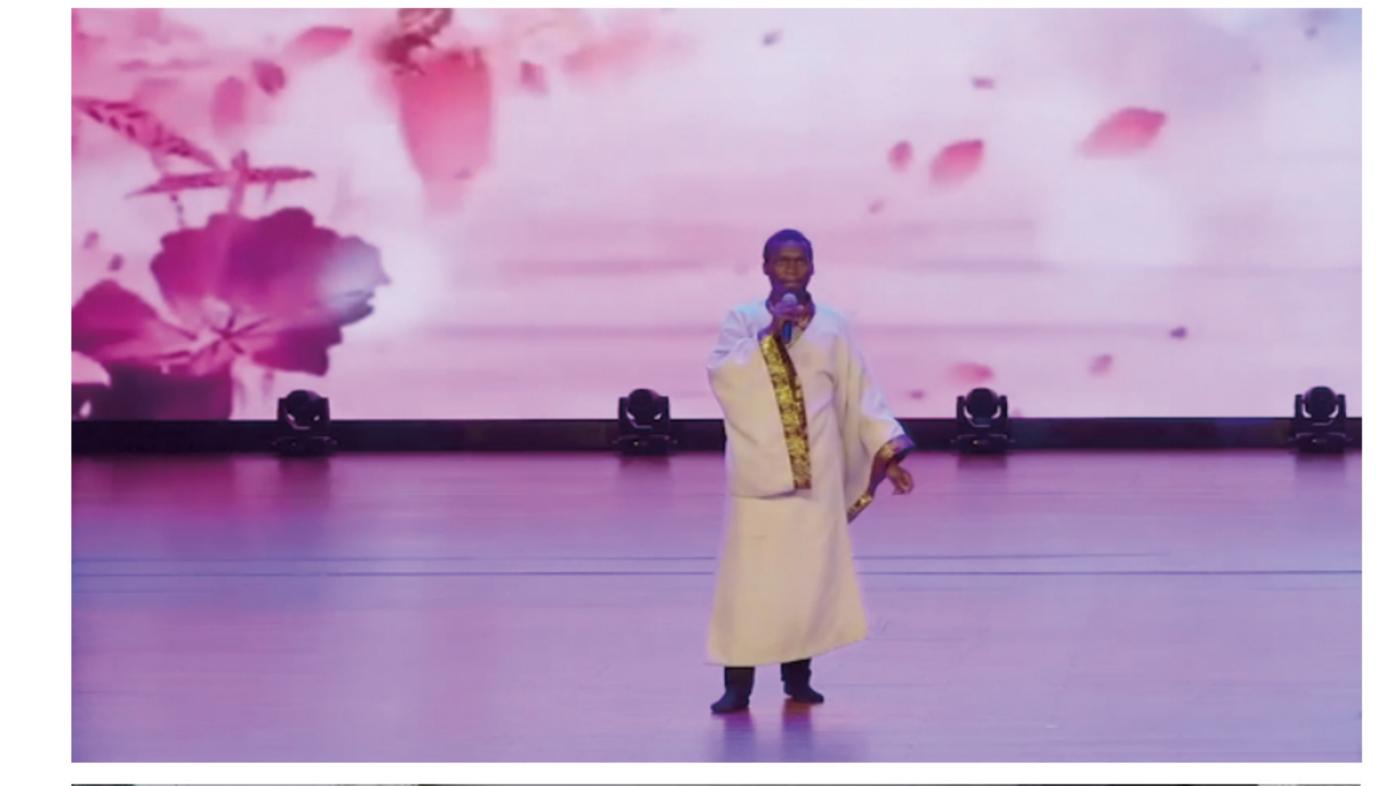




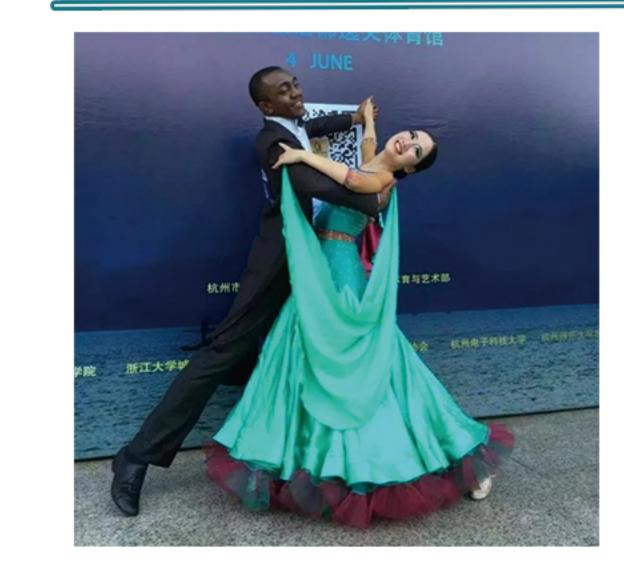




Cultural Activities











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Communication Engineering

Information for Prospective Students

