

TIANGONG UNIVERSITY

天津工业大学



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01

ABOUT TGU

Tiangong University is a full-time national institution of higher learning jointly established by the Ministry of Education and Tianjin and it is a key construction university in Tianjin city. TGU has a long history of school-running, and the earliest discipline -Textile, was founded in 1912. The university covers an area of 1.95 million square meters, with a total floor area of 860,000 square meters. In 2017, it was selected as national "Double First-class" construction university. There are 16 faculties, offering bachelor's, master's and doctor's degrees in 61 undergraduate programs with focuses on the development of Engineering, Science, Literature, Management, Economics, Law, and Art. There are 6 state-level specialty majors and 12 application-oriented majors, and 2 national engineering education majors. Textile Science and Engineering, as a national key discipline, won A + in the fourth round of the national disciplinary assessment. Engineering, Chemistry, Mathematics, and Materials Science, these four disciplines have entered the top 1% of ESI worldwide. In addition, TGU has 2 national key laboratories for the Separation of Membranes & Membrane Processing and Textile Composites. Currently there are more than 1,680 full-time faculty members. In 2017, Professor XIA Changliang was elected as the academician of the Chinese Academy of Engineering. There are more than 28,000 full-time students, including about 24,000 undergraduates, nearly 3,000 graduate students, and more than 1,900 international students. TGU has undertaken more than 1000 projects at national and provincial levels, and obtained more than 1,000 patents. The faculties have won 13 National Science and Technology Awards up to now. Tiangong University, as a "Chinese Institution Admitting International Students Under Chinese Government Scholarship Programs" , has established long-term friendly



cooperation and exchanges with more than 80 universities or institutions from 50 countries and regions including Tunisia, Mongolia, Pakistan, Germany, South Korea, Japan, Vietnam, Ethiopia, Egypt, Bangladesh, Malaysia, Uzbekistan, Kazakhstan, Sri Lanka, Singapore, Indonesia as well as Hong Kong, Macao and Taiwan. We have also cooperated with foreign universities in various forms of student exchange programs such as joint training, short-term exchanges, and double degrees.

We also attach great importance to the localization of talent cultivation in the countries along the “Belt and Road” . The university co-builds the "Punjab Tianjin Technical University" with the Punjab Province of Pakistan and undertakes the “China–Pakistan Economic Corridor” talent construction project commissioned by the Education Department of the Kaipur Province of Pakistan. We also assist Mongolia National University of Education in applying for the majors of Textile Engineering. In 2016, the number of international students along the “Belt and Road” accounted for more than 80% of the total number of students at our university.

We utilize various resources, such as scientific research platforms, experimental practice teaching demonstration centers and school–enterprise practice bases, to support academic innovation and practice activities for international students, and attaches great importance to the branding and curriculum construction of English–speaking courses. We have established 8 full English courses for undergraduates, 12 full English programs for postgraduates and 3 all-English courses of doctoral programs. So far, 16 courses have been approved as the brand courses for international students at provincial and ministerial levels.

Meanwhile, we attach great importance to strengthening the intercommunication and cultural understanding between Chinese students and international students. We have built the "Chinese Traditional Cultural Communication Center" and have held the International Cultural Festivals for four consecutive years. All of which have greatly enhanced the communication between Chinese and foreign students, and contributed to the promotion of foreign cooperation and exchange of Tianjin and even the whole country with the world.



Lists of schools and Undergraduate Majors at Tiangong University

School of Textile Science & Engineering	<ol style="list-style-type: none"> 1. Textile Engineering 2. Non-Woven Materials & Engineering 3. Light Chemical Engineering
School of Material Science & Engineering	<ol style="list-style-type: none"> 1. Material Science & Engineering 2. Inorganic Nonmetallic Materials Engineering 3. Polymer Materials & Engineering 4. Composites & Engineering
School of Environmental Science & Engineering	<ol style="list-style-type: none"> 1. Environmental Engineering 2. Inorganic Nonmetallic Materials and Engineering 3. Composite Materials and Engineering 4. Polymer Materials Science and Engineering
School of Chemistry & Chemical Engineering	<ol style="list-style-type: none"> 1. Chemical Engineering & Technology 2. Applied Chemistry 3. Pharmaceutical Engineering
School of Mechanical Engineering	<ol style="list-style-type: none"> 1. Mechanical Engineering 2. Mechanical Design, Manufacturing & Automation 3. Mechatronic Engineering 4. Industrial Design 5. Measurement & Control Technology & Instrument 6. Construction Environment & Energy Application Engineering
School of Electrical Engineering & Automation	<ol style="list-style-type: none"> 1. Electrical Engineering & Automation 2. Light Source & Lighting 3. Automation
School of Electronics & Information Engineering	<ol style="list-style-type: none"> 1. Electronic Information Engineering 2. Electronic Science & Technology 3. Telecommunication Engineering 4. Electronic Information Science & Technology 5. Biomedical Engineering
School of Computer Science & Technology	<ol style="list-style-type: none"> 1. Computer Science & Technology 2. Software Engineering 3. Network Engineering 4. Internet of Things Engineering 5. Animation
School of Artificial Intelligence	<ol style="list-style-type: none"> 1. Artificial Intelligence
School of Mathematical Science	<ol style="list-style-type: none"> 1. Maths & Applied Maths 2. Applied Physics 3. Applied Statistics

School of Arts	<ol style="list-style-type: none"> 1.Fashion Design & Engineering 2.Performance 3.Visual Communication & Design 4.Environment Design 5.Product Design 6.Clothing & Dress Design 7.Arts & Crafts
School of Economics & Management	<ol style="list-style-type: none"> 1.Economics 2.Finance 3.International Economy & Trade 4.Information Management & Information System 5.Business Management 6.Accounting 7.Financial Management 8.Human Resources Management 9.Public Affairs Management 10.Land& Resources Management 11.Industrial Engineering
School of Laws (School of Intellectual Property)	<ol style="list-style-type: none"> 1.Law
School of Humanities	<ol style="list-style-type: none"> 1.English 2.Japanese 3.Broadcasting & Television Studies 4.Advertising 5.Radio & Television Editing & Directing
School of International Education	<ol style="list-style-type: none"> 1.Chinese Language

English-Teaching Programs

- Textile Engineering
- Chemical Engineering and Processing
- Computer Science and Technology
- Electrical Engineering and Automation
- Mechanical Engineering
- International Economy and Trade
- Business Administration

HISTORY

1912
Beijing Industry
Specialized
School
Machine Woven Division

1929
Peking University
Engineering
College
Machine Woven Department

1938
Northwest Associated
University
The North West
Institute
Of Technology
Textile Department

1946
National Peiyang
University
Textile Department

1951
Tianjin University
Department of Textiles

1950
Hebei University
of Technology
Textile Department

1952
Sichuan Leshan
Technical & Art School
Cotton Textile Division

1952
Tianjin Textile
Industry School

1958
Hebei Textile
Engineering
College

1968
Tianjin Textile
Engineering
College

1986
Tianjin Economic
Management Cadre Institute

2000
Tiangong
University

2004
Tianjin Institute of
Industry and Technology

2006
The Use of
the 1st Part of
New Campus
of TJPU

2011
Overall Moving
to New Campus

2017
Selected as the
construction university Of
“National Double-First Class”
The Construction University
of World 1st Class Disciplines

02

DISCIPLINARY CONSTRUCTION



95 Higher Institutions Selected as the First-Class Disciplinary Construction Universities

21	China University of Political Science and Law
22	Tiangong University
23	Tianjin Medical University

University Lists of Double-first Class Disciplinary Construction

31	Tianjin University	Chemistry, Materials Science and Engineering, Chemical Engineering and Technology, Management Science and Engineering
32	Tiangong University	Textile Science and Engineering
33	Tianjin Medical University	Clinical Medicine(confirmed by university itself)

Textile Science and Engineering got A+ in the fourth round of national disciplinary evaluation.

The Name of the First-Class Discipline: Textile Science and Engineering

There are 7 universities nationwide that can award the "doctor' s degree participated in the evaluation; some universities with the authorization of Master' s degree also participated in the evaluation; A total of 17 colleges and universities were evaluated (note: universities with the same evaluation results are ranked by school code, regardless of the order in which they are evaluated)

Result	Code and Name of the University
A+	10058 Tiangong University

Table of the Degree Authorization

Category	Class of the discipline	Name of the discipline
PH.D Authorization	1 st class Discipline	Textile Science and Engineering
		Material Science and Engineering
		Machanical Engineering
Academic Master's Degree Authorization	1 st Class Discipline	Textile Science & Engineering
		Material Science & Engineering
		Chemical Engineering & Technology
		Environmental Science & Engineering
		Mechanical Engineering
		Electric Engineering
		Control Science And Engineering
		Electronic Science And Technology
		Electronics And Information Engineering
		Biomedical Engineering
		Computer Science And Technology
		Software Engineering
		Mathematics
		Physics
		Statistics
		Optical Engineering
		Design Science
		Practical Economics
		Management Science And Engineering
		Business Administration
		Public Management
		Jurisprudence
		Marxist Theory
Foreign Languages And Literature		
Drama And Film Studies		

不古之人觀于天地山川草
 木蟲魚鳥獸注注有得以
 其取觀之深而無不在也
 天夷以近則游者衆險以
 遠則至者少而世之奇偉
 現怪非常之觀常在于險
 境而人之所罕至焉故非
 有勇者不能至也有志矣
 不隨以止也然力不足者

亦不能至也有志與力而
 又不能隨以食至于幽暗而
 惑而無物以相之亦不能
 至也然力足以至焉于不
 為可也然力足以至焉于不
 吾志也而不能至者可以
 無悔矣其孰能譏之乎此
 予之所得也

摘自《游褒禪山記》



03

EDUCATION & TEACHING



List of Achievements of Disciplinary Construction at National and Municipal Levels

Level (Quantity)	Category (Quantity)	Majors
National (13)	Special majors(6)	Textile Engineering, Materials Science and Engineering, Light Chemical Engineering, Software Engineering, Mechanical Engineering, Non-woven Materials and Engineering
	The Comprehensive Reform pilot of undergraduate Major (1)	Textile Engineering
	"Education Programme of Excellent Engineers " Pilot Majors (6)	Textile Engineering, Materials Science and Engineering, Environmental Engineering, Automation, Mechanical Engineering, Software Engineering
Municipal (49)	Brand Majors (15)	Textile Engineering, Light Chemical Engineering, Non-woven Materials and Engineering, Clothing Design and Engineering, Materials Science and Engineering, Mechanical Engineering, Applied Chemistry, Environmental Engineering, International Economy and Trade, Automation, Communication Engineering, Light Source and Lighting, Software Engineering, Animation, Financial Management
	Majors in Strategic Emerging Industries (6)	Composite materials and engineering, Internet of Things, Electrical Engineering and Automation, Photoelectric Information Science and Engineering, Finance, Information and Computing Science
	Pilot Projects on Comprehensive Reform of Undergraduate Majors (2)	Textile Engineering, Materials Science and Engineering
	"Education Programme Excellent of Engineers " pilot Majors (6)	Textile Engineering, Materials Science and Engineering, Environmental Engineering, Automation, Mechanical Engineering, Software Engineering
	Special Majors with Dominant Position (8)	Textile Engineering, Materials Science and Engineering, Environmental Engineering, Mechanical Engineering, Light Chemical Engineering, Electrical Engineering and Automation, Finance, Animation
	Application-based Majors (12)	Non-woven Materials and Engineering, International Economy and Trade, Light Source and Lighting, Software Engineering, Electronic Information Engineering, Automation, Photoelectric Information Science and Engineering, Composites and Engineering, Information Computing Science, Chemical Engineering and Technology, Accounting, Electronic Science and Technology



Courses in the Academy of Optoelectronic Technology

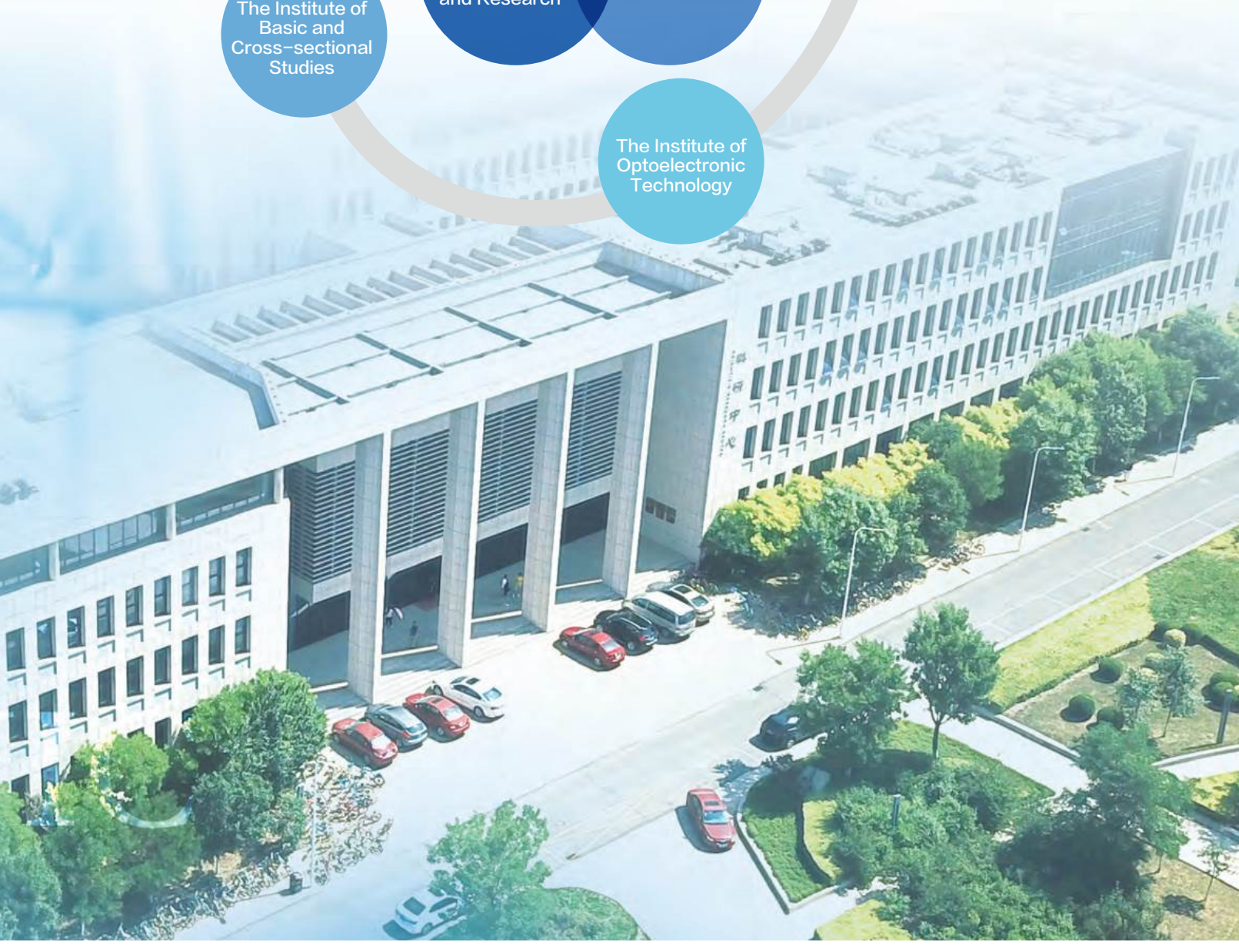
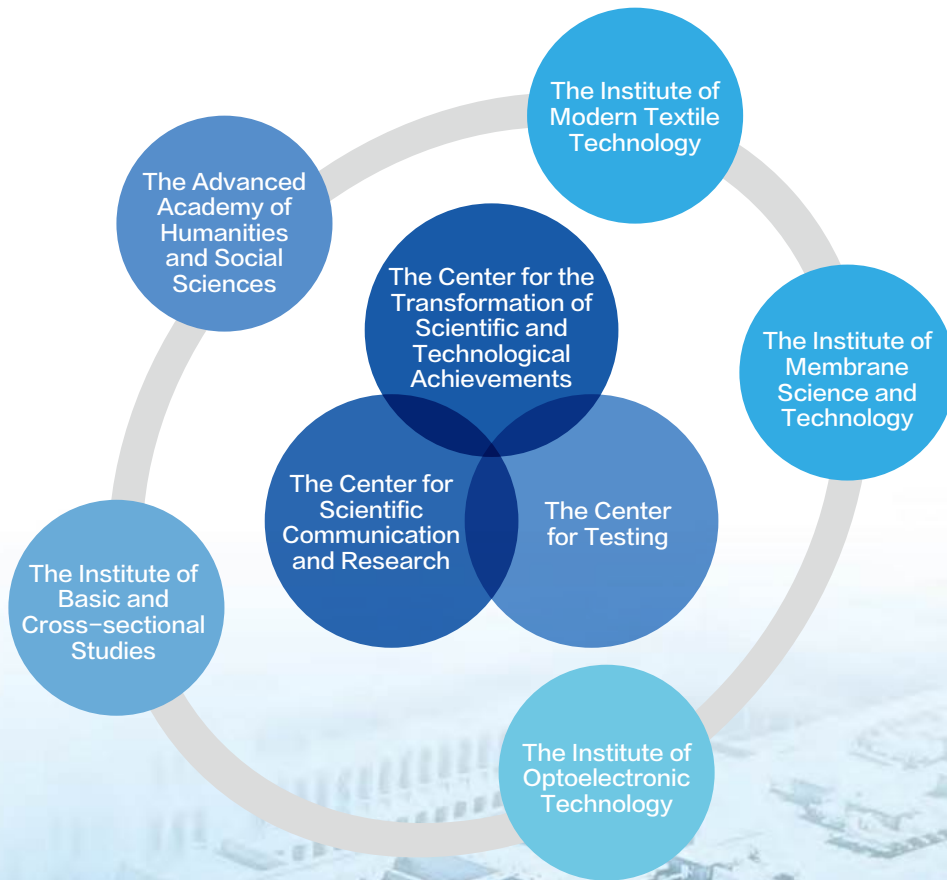


04

SCIENTIFIC RESEARCH



Six Institutes & Three Centers

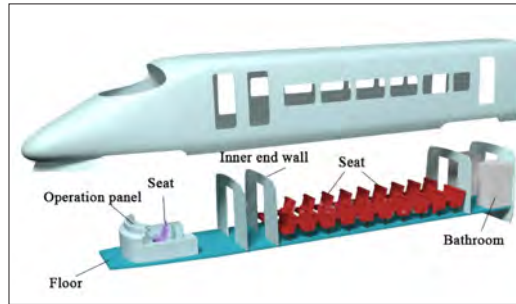


Advanced Textile Composite Materials--Modern Textiles Serve the Industry Technology

Advanced textile composite materials have been used in automotive industry, rail traffic, airplane, construction and ship, all of which has contributed to the development of Chinese industry.



Application of Green Composite Material in Automobile Interior Decoration



Application of Advanced Composite Materials in Rail Traffic

Membrane Separation Technology--Separation and Purification Leads the Future Development

The team has developed the high performance polyvinylidene fluoride hollow fiber membrane with advanced level in the world. Tianjin Motian Membrane Company was founded; the company was successfully listed in July 2012 in the Shenzhen Stock Exchange.



Membrane Production Workshop



Hollow Fiber Membrane Module

The Motor System and Its Intelligent Control System--Efficient Motors Drive the Future

Researchers have solved the major scientific problems in the motor system and its control field, realized the high efficiency operation of the motor system, and promoted the technical progress of the motor system and its control field.



Experimental Platform of Low-speed Permanent Magnet Fan-driven Generator System

Functional Fibers and Technical Textiles--Expanded Functions and Infinite Alternatives

The team has developed a series of products, such as radiation-proof fibers and protective clothing, heat-storage and temperature-regulating fibers and materials, high-efficiency medical filtering materials, oil-absorbing functional non-woven materials etc. The related products have been applied in many fields, such as aerospace, medical and health protection, environmental filtration and so on, which greatly enhance the market competitiveness of technical textiles in China.

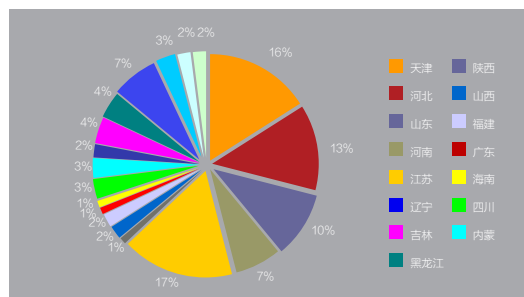


Heat Storage Adjustment Suit



The Technology of Fiber Interface Treatment—Independent Innovation Breaks the Monopoly

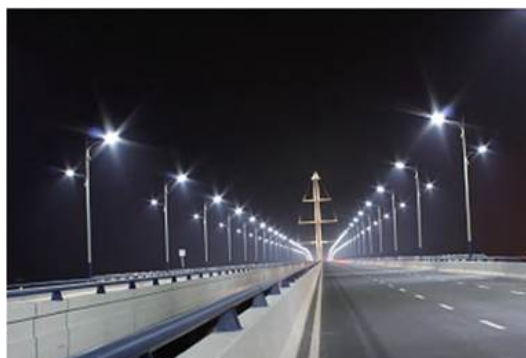
The research team has independently developed more than 100 chemical fiber oil monomers, and the scientific and technological achievements of the research and development have achieved the industrialization, more than 80% of products have substituted the imported ones.



Influences of the Major Technological Innovations

High-Power Semiconductor Lighting Technology— Illumination Revolution—High Efficiency and Energy-saving

The research team has formed a series of comprehensive proprietary design methods and technical solutions in LED epitaxial, chip and LED lighting LED optical communication, new display and imaging systems, etc. The team has organized more than 70 units to establish the strategic alliance of Tianjin Semiconductor Light Source System technology innovation. Engineering Research Center of The Ministry of Education and Tianjin Semiconductor Lighting Technology Engineering Center has been set up to build the first large-scale semiconductor lighting demonstration project in the world.



Products have been successfully applied in more than 70 semiconductor lighting demonstration projects.

Wireless Power Transmission Technology—Infinite Power Delivery Transmits the Future

The research team has been studying systematically with focuses on how to expand transmission capacity, increase transmission distance and improve transmission efficiency, how to simulate the process of electric energy transmission and how to make use of the characteristics of new magnetic materials. The power level of the radio power transmission products developed by the team can reach 100kW, transmission efficiency reaches 90kW, transmission distance can reach 1-2 meters, all of them are at the advanced level internationally.



High-speed train wireless power supply technology

Modern Machinery Equipment-- Intelligent Manufacturing Revolutionizes the Times

With the characteristics of new textile machinery research and engineering application in the modern mechanical equipment-intelligent manufacturing revolution era, a 3D textile composite one-sided stitching robot system was developed by applying robot technology to textile material processing. In the field of intelligent welding technology, the offshore oil platform KT-model intelligent welding equipment has been developed successfully.



Full-Process Digital Small-Scale Trial Spinning System Developed by TGU

Interdisciplinary Innovative Think-Tank in New Era--the Cross-Disciplinary Think Tank with Distinctive Features

Based on the multi-disciplinary research institute of Humanities and social sciences, the university has gathered the strategic needs of the new era and actively served the development of the industry and regional economy. It has determined the following aspects: socialism with new era characteristics, innovation strategy, policy and talent, green design, innovation of modern textile industry and protection of textile industry, and society, early warning and social security, land resource management, applied law, civil-military integration strategy and green low-carbon economy.



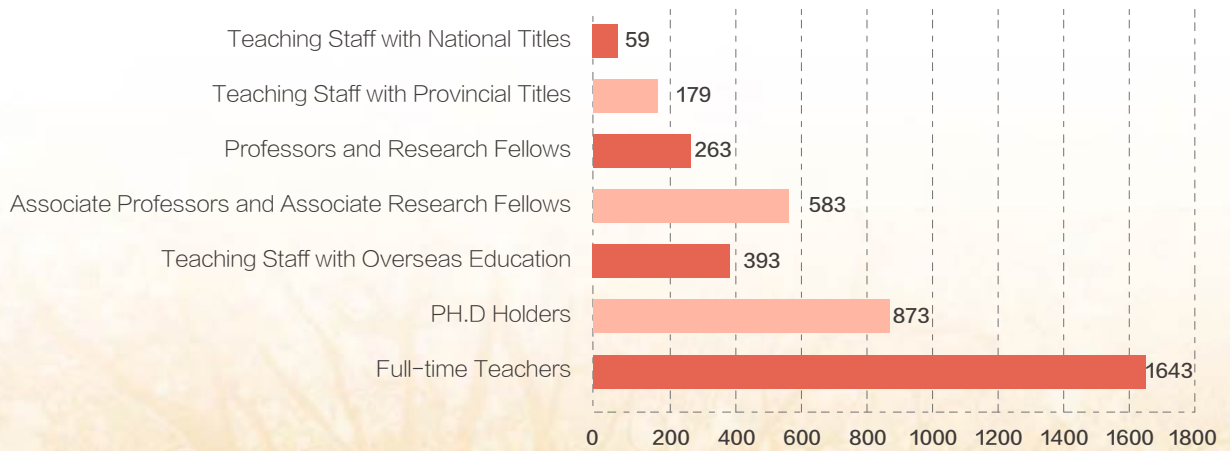
The Establishment of the Advanced Institute of Humanities and Social Sciences

05

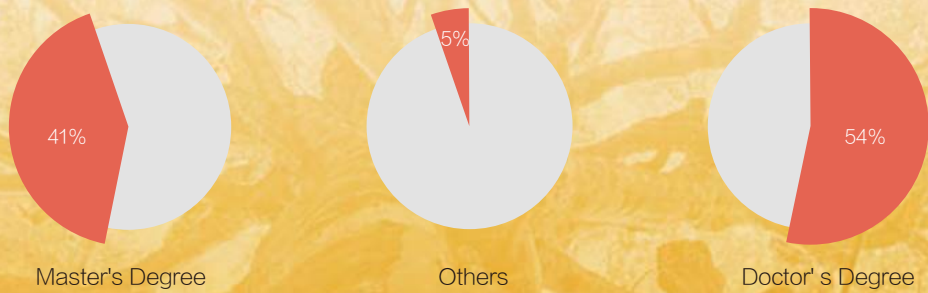
THE TEACHING STAFF



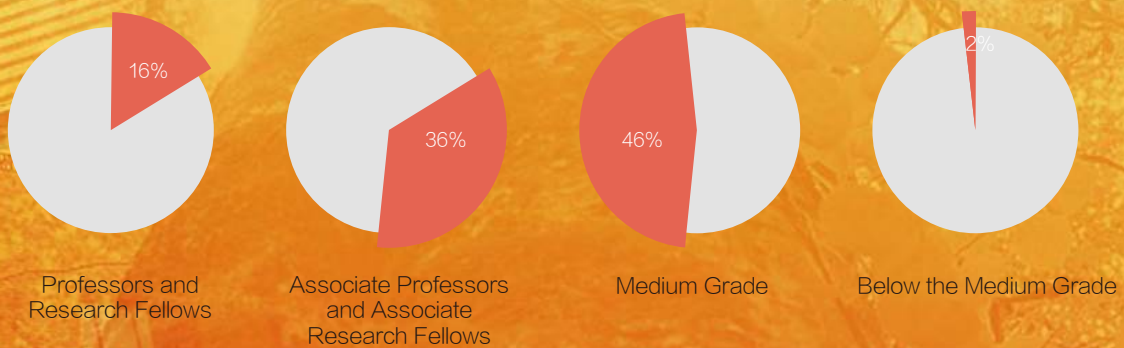
The General Introduction of the Teaching Staff



The General Introduction of the Teaching Staff



The Professional Titles of the Teaching Staff



06

ADMISSION FOR INTERNATIONAL STUDENTS



English-Teaching Programs

Bachelor's Degree Programs

Textile Engineering

Chemical Engineering and Processing

Computer Science and Technology

International Economy and Trade

Business Administration

Electrical Engineering and Automation

Mechatronic Engineering

All Master's degree programs and Doctors degree programs in our university can be taught in English.

Chinese Language Study and Cultural Immersion

We offer the following Chinese language programs:

short-term study and cultural experience of Chinese language

basic Chinese language

The program pays particular attention to students' practical application ability of Chinese language by focusing on individual aspects of language learning - listening, speaking, reading and writing.

By carrying out an "individualized" teaching philosophy in classroom teaching, our curriculum is designed to respect to and pay attention to the personal development needs (and pace) of each student, thus developing confidence and learning quality whilst making academic progress.



Scholarships

Chinese Government Scholarship

Funded by: China Scholarship Council

Scholarship type: Full Scholarship

Applicants: Students of bachelor's, master's and doctor's programs

Application time: February - April (Approx.)

<http://studyinchina.csc.edu.cn/#/login>

Tianjin Municipal Government Scholarship

Funded by: Tianjin Municipal Government

Scholarship type: Partial Scholarship(Tuition)

Applicants: Students of bachelor's, master's and doctor's programs

Application time: February- June (Approx)

<http://en.tjpu.edu.cn/2018/0608/c1043a33072/page.htm>

New Students Partial Scholarship

Funded by: Tiangong University

Scholarship type: Partial Scholarship(Tuition)

Applicants: New Students of bachelor's, master's and doctor's programs

Application time: February - July (Approx)

Academic Partial Scholarship: Outstanding Academic Scholarship

Funded by: Tiangong University

Scholarship type: Partial Scholarship(Tuition)

Applicants: Students of bachelor's, master's and doctor's programs

Application time: May - June (Approx)

Academic Partial Scholarship: Single Field Scholarship

Funded by: Tiangong University

Scholarship Type: Partial Scholarship (Awards)

Applicants: Students of bachelor's, master's, doctor's and other short-term programs

Application time: May - June (Approx)

Length of Studies and the University Calendar

The normal length of study for each program is as follows:

Bachelor' s Degree studies:4 years

Master' s Degree studies:2.5years

Students may, in particular cases, shorten or prolong their length of studies through application.

Each academic year at TGU comprises 2 semesters, with the fall one starting the academic year in early September and ending in mid January and the spring in middle February or early March and extending to the end of June. There are 2 vacations each year: the summer one usually lasts 2 months in July and August, and the winter one, in which China' s Spring Festival falls, usually lasts 4 weeks from late January to mid February.

Admission Requirements

Basic requirements:

Applicants must be non-Chinese citizens, normally aged 18 and above and in good health, holding valid passports and willing to abide by China' s laws and university' s rules and regulations and show due respect to China' s social and cultural customs.

Requirement of proficiency in Chinese language for programs taught in Chinese:

HSK 4 and above or equivalent study experience.

Chinese Language Study: Any levels

School Fees

Registration Fee: ¥500.00 (Nonrefundable)

Insurance:6 months: ¥400.00 / 12 months: ¥800.00

Bedding: ¥200.00 (if applicable)

Physical Examination: from ¥240.00 to ¥600.00 , determined by your physical report for visa (usually this is not applicable for students with X2 visa)

Visa: ¥400.00- ¥480.00 (for freshmen, another ¥30.00 for photos required)

Tuition Fee:

Chinese language Program: ¥12000-16000 per year

Bachelor' s Program: ¥17000-23800 per year

Master' s Program: ¥22000-30000per year

Doctor' s Program: ¥28000-40000 per year

Application documents for studying in Tiangong University:

Student Type		Chinese language study	Undergraduate	Postgraduate	Phd student	Remarks
Documents						
Passport copy		★	★	★	★	1.Passport copy personal information page; 2.Applicant is required to provide Chinese visa/Residence Permit copy and fixed line phone number of administrative teacher if applicant is studying in china.
Application form (not applicable if apply on line)		★	★	★	★	1.Education background since high school to present must be filled in year by year; 2.Fill in applicant phone number in visa application country; 3.Must be signed by the applicant.
Degree certificate in Chinese/ English or translated	high school	☆	★			Notarized true copy is required if apply for scholarship.
	Bachelor			★		
	Master				★	
Transcript in Chinese/English or translated		★	★	★	★	1.Notarized true copy is required if apply for scholarship; 2.Transcript must with grading introduction and scores; 3.University entrance exam by examination board is prior.
Two recommendation letters				★	★	By assosiate professors or professors.
Acceptance letter by one supervisor in TJPU				★	★	
Language proficiency proof			☆	☆	☆	1.Required to provide if the teaching medium of the program; applying for is not same with the one of last degree study; 2.Language certificate is refer to: study completion cerficate, transcript, HSK certificate, IELTS, TOFEL etc..
Resume/CV	Personal Statement		☆			Required to provide by applicant if apply for scholarship.(500-800 words)
	Study Play			☆		
	Research Personal				☆	
Non criminal Certicate		☆	☆	☆	☆	
Birth certificate		☆	☆	☆	☆	Required to provide if under 18 years old on registration date.
Income Certificate /bank statement		☆	☆	☆	☆	



ONLINE APPLY

“★” refer to required document, “☆” refer to document if applicable to provide in remarks or elective to submit.



07

CAMPUS CULTURE





The university held college students' Culture and Arts Festival.



College students volunteered to explain science and technology knowledge to the middle school students.



The university has built up the "University Mass Entrepreneurship Space".





Course in Robot Laboratory



In 2018, international students of TGU participated in the Shanghai Fashion Design Competition – the international student of our university, PU Xiaomin from Mongolia won the national second prize.

Quality certification experts are observing the on-the-spot teaching.



Cultural Experience Course Of Chinese New Year Paintings for International Students.



Laboratory Course of Material Engineering Major



Course in Laboratory of Mechanical Arms



International students went to the Tasty Group to experience the internship.



Courses Related to Mechanical Engineering



Graduation Thesis Defense of 2014 International Students of Chinese Language Major



Graduation Photos of 2015 International Students Of Chinese Language Majors



Graduation Ceremony of 2018 International Students



Graduation Photo of 2018 International Students



2017 the short-term international students during summer vacation climbed the Great Wall



Chinese Language Speech Competition for International Students between TGU and Tianjin Chengjian University in 2018



Chinese Language Speech Competition for International Students between TGU and Tianjin Chengjian University in 2018



The 2018 Summer Student Practice Activities – Visiting Shidu Scenic Area in Beijing



In 2013, "Studying and Touring in China" Happy Campus Tour sponsored by the Ministry of Education was held at our university.



Group Photo of Scholarship Winners of 2016 International Students.



In 2017, international students of our university watched Chinese martial arts performances.



International students participated in the school football match.



International students participated in experiencing Chinese cultural activities of climbing the great wall.



2018 Summer Class Graduation Ceremony



International students participated in dancing competitions.



International students participated in the debate contest.



Physical Education Room



Table Tennis Hall



Football Field



Chinese Cheongsam Culture Course for International Students



Chinese Ceramics Culture Course for International Students



International Students' Cultural Experience Courses

Foreign Students' Reading in the Library

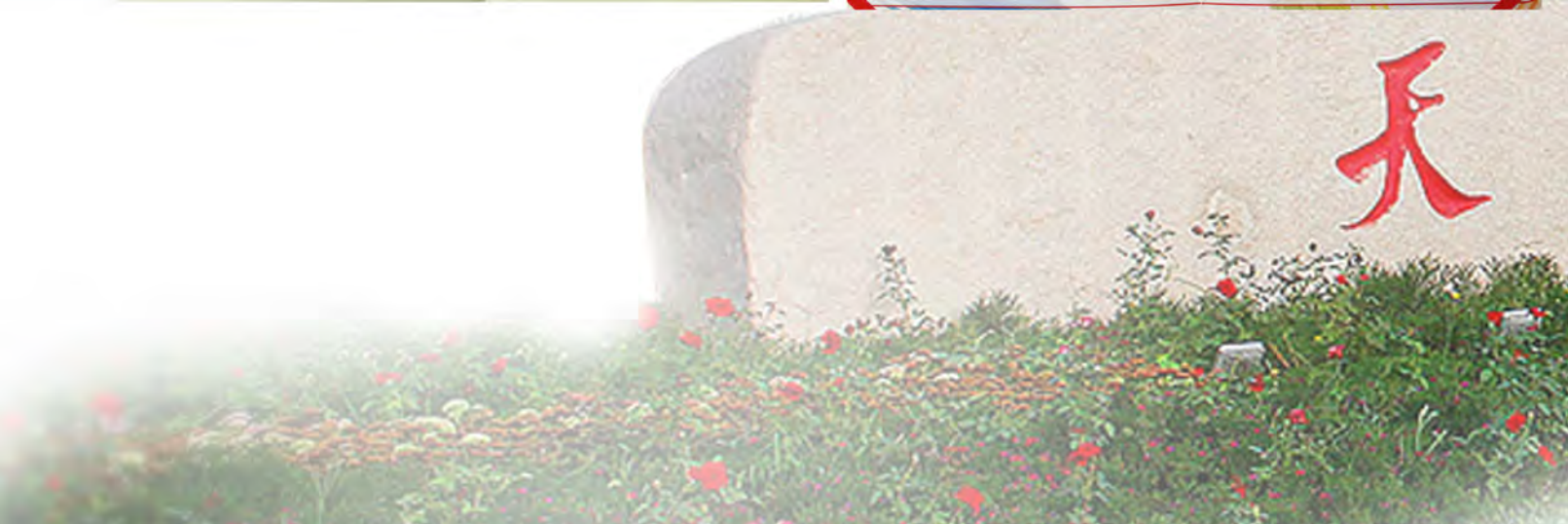


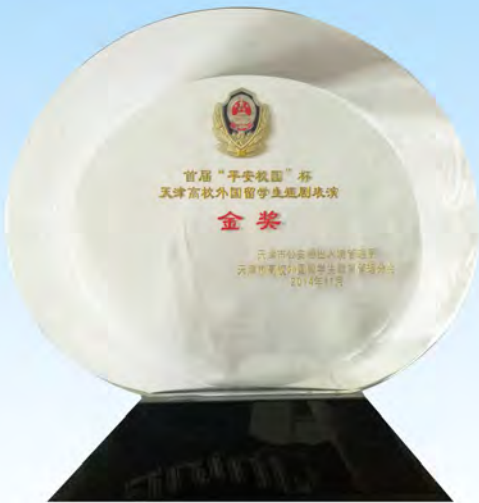
International Students' Intangible Cultural Heritage Exhibition Visit

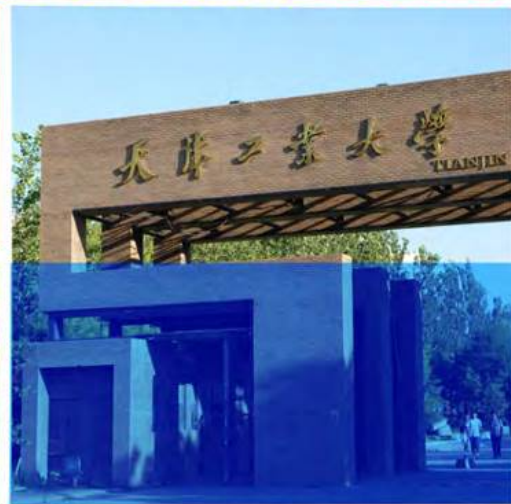


Foreign students' Visit of Design Exhibition













CONCLUSION

The world is colorful, and human civilizations enjoy resplendence and common progress for its rich diversity and communication.

Xi Jinping, President of PRC

世界是多彩的，人类文明因多样而璀璨，因交流而共进。

——中华人民共和国国家主席 习近平



天津工業大學

TIANGONG UNIVERSITY



School of International Education TianGong University Tel: +86-22 -83955625
Fax: +86-22-83955601
E-mail: iotjpu@tipu.edu.cn / 18802231369@163.com
Address: No.399,Binshuixi Road,Xiqing District,Tianjin,P.R.China Post code:300387
Home Page: <http://www.tjpu.edu.cn/> or <http://en.tjpu.edu.cn/>