西安交通大學
XI'AN JIAOTONG UNIVERSITY

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The statistics herein are updated by December 2021.

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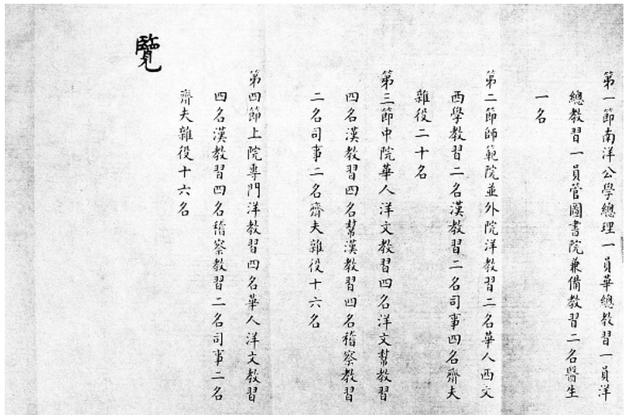

覽

第一節南洋公學總理一員華總教習一員洋總教習一員管國書院兼備教習二名附生一名

第二節師範院並外院洋教習二名華人西文西學教習二名漢教習二名司事四名雜夫雜役二十名

第三節中院華人洋文教習四名洋文幫教習四名漢教習四名幫漢教習四名稽察教習二名司事二名齋夫雜役十六名

第四節上院專門洋教習四名華人洋文教習四名漢教習四名稽察教習二名司事二名齋夫雜役十六名

XJTU is one of China's first institutions of modern higher education. We celebrated our 120th anniversary of the founding of Jiaotong University and the 60th anniversary of its westward relocation on April 8, 2016.

1896

Our history can be traced back to 1896 when Nanyang College was founded in Shanghai. It was named Jiaotong University in 1921.

1921

1959

In 1956, the State Council decided to move the main body of Jiaotong University to Xi'an and in 1959 it was formally named Xi'an Jiaotong University.

2000

In 2000, Xi'an Medical University and Shaanxi Institute of Finance and Economics were merged with XJTU.

2017

The construction of iHarbor started in 2017.

Facts and Figures

4 Campuses: Xingqing Campus, Yanta Campus, Qujiang Campus, iHarbour

27 Schools

6,538 Faculty & Staff

44 Members of the Chinese Academy of Sciences/ the Chinese Academy of Engineering

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46,346 Full-time Students

21,142 Undergraduates

25,182 Graduates

2,891 International Students

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71 (undergraduate) + **344** (graduate) English Instruction Courses

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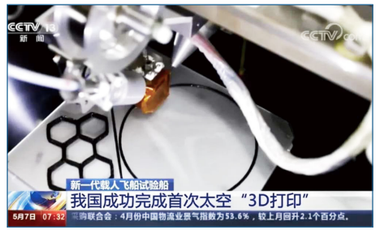
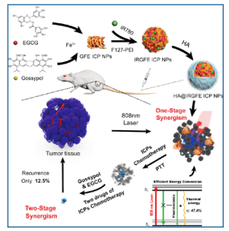
Research Funding: **3.418** Billion RMB (the Year of 2020)

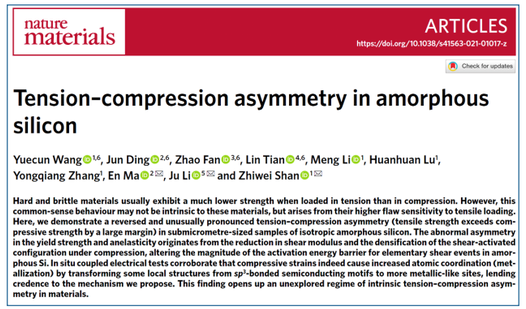
Pioneering Research

At XJTU, we recognize the value of research in pushing the boundaries and empowering bold ideas. We ask and answer some of the toughest questions and broaden our understanding of the world.

Our researchers know many of the best breakthroughs in knowledge and embrace creativity, ingenuity, and technology to help frame and solve the greatest challenges of the future.







What Sets XJTU Apart

XJTU's researchers include scientists, scholars, inventors, analysts, artists, and philosophers. Based on advanced technologies, our faculties conduct leading research and promote interdisciplinary innovation.

#1 Institute of Engineering Thermophysics in China

#1 Steam Turbines, Automobile Manufacture, Refrigeration and Cryogenic Technology, and Displacement Compressor programs

#1 All Purpose Electronic Computer

#1 Digital Processor Chip

#1 Twin-Shear Unified Strength Theory with IPR

21
"Program 973" projects

5,832
Natural Science Foundation projects

37
National Social Science Foundation Projects

30,000
Research Achievements

241
National Scientific and Technological Awards

36
Ministry of Education (MOE) Excellent Humanities and Social Sciences Research Achievement Awards

17
High-end Think Tanks

Research Institutes

Our innovative centers and institutes facilitate collaboration as researchers tackle the world's most pressing challenges. XJTU is home to state-of-the-art technologies and research facilities, which are capable of transforming bold ideas into reality.

5
State Key Laboratories

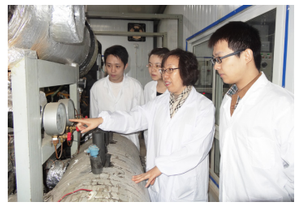
7
National Engineering Technology Research Centers

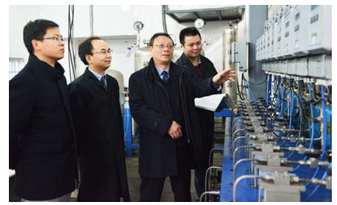
3
National Engineering Laboratories

5
International Science & Technology Cooperation Bases

1
Collaborative Innovation Center (2011)

148
Ministerial and Provincial Research Facilities





Vibrant Academic Community

XJTU's undergraduate and graduate students pursue their academic goals in a diversified and harmonious environment.

90
Bachelor's programs

27
Professional master's programs

42
Master's programs

32
Doctoral programs

5
Professional doctoral programs

30
Post-doctoral research stations

Our Schools

XJTU's schools offer students an unparalleled education, research experience and advanced degrees in engineering, medicine, sciences, law, the arts and humanities, and beyond. Students pursue their academic goals in an environment designed to facilitate exploration across disciplines and discovery of new knowledge to the benefit of individuals and communities around the world.

School of Chemistry

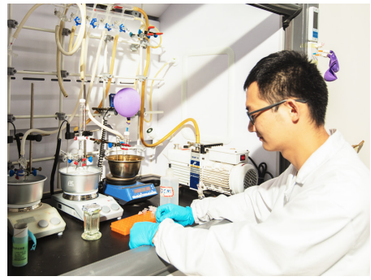
Overview

The School of Chemistry was founded in 2020. Originally the chemistry program was one of the constituent departments of the School of Science created in 1994, in addition to mathematics and physics.

The School of Chemistry comprises the Department of Applied Chemistry, Department of Materials Chemistry, Department of College Chemistry, and the Chemistry Experiment Center. The School houses the MOE Key Laboratory for Non-equilibrium Synthesis and Modulation of Condensed Matter, Xi'an Key Laboratory of Sustainable Energy Material Chemistry, Institute of Organic and Polymer Chemistry, Institute of Molecular Science and Applied Chemistry, and Institute of materials Chemistry for Renewable Energy.

The School places education at top of its agenda. 20% of the graduate courses are offered in either English or bilingual instruction. Research interests include organic synthesis, polymer chemistry, new materials for energy conversion and storage, biomaterials, and their applications.

The School of Chemistry engages students in independent scientific research through interdisciplinary efforts with XJTU, other universities, and industry. The goal is to provide innovative solutions to problems of chemistry in basic science, understand the relationship between the multi-level structure and performance of materials, and develop high-performance new substances for real-world applications in society.



Research Highlights

1. New synthesis technology in P (VDF-TrFE) resin

The piezoelectric P (VDF-TrFE) copolymer is generally synthesized from the copolymerization of vinylidene fluoride (VDF) and trifluoroethylene (TrFE) monomers. To solve the problems of scarcity and poor stability of TrFE monomer, a series of new hydrogenation reduction technologies have been developed using low-cost and easily available P (VDF-CTFE) as the raw material under mild reaction conditions. It fills the gap in the synthesis of piezoelectric P (VDF-TrFE) copolymer from fluoro-elastomers in our country, and lays the foundation for its applications in hydrophones, flexible thin-film piezoelectric sensors, wearable devices, medicine and other fields.
Project Contact: Prof. Zhicheng Zhang (+86 15029553337)

2. Production line of cracking, sorting and recycling of spent lithium ion batteries

Targeted problem: Spent lithium-ion batteries could trigger serious safety hazards and environmental issues, so their harmlessness and resource utilization are very important;
Research contents and advantages: The cracking, sorting and recycling process of spent lithium ion batteries has been developed, and a recycling line of 100kg spent batteries per hour has been built. This recycling line not only completes the harmless treatment of batteries, but also recycles valuable materials such as positive and negative black powder, electrolytes, copper foil, aluminum foil, stainless steel shells and separators, which have good social and economic benefits. The recycling line developed in this project presents the advantages of live crushing, supercritical electrolyte recovery, whole negative pressure system and modular design, etc. The production line has completed the pilot test and is in the marketing stage.
Project Contact: Prof. Shujiang Ding (+86 18792770395)

3. High-efficiency green oxidation promoted by visible light

Targeted problem: Traditional oxidation reactions use strong oxidants such as potassium permanganate and nitric acid, which produce a large amount of solid waste and by-products and are difficult to recycle and reuse.
Research content and advantages: A series of light-promoted green oxidation reaction systems were developed, which realized the gentle oxidation technology of quinoline and plant regulators, and solved the problem of large amounts of un-recycled solid waste by traditional strong acid oxidation. These developed systems can be applied in many fields such as the petrochemical industry, coal chemical industry and fine chemicals.
Project contact person: Prof. Xinhua Duan (+86 15891775306)

Key Facts

Professors
21

Undergraduates
150

Graduates
156

Majors

Applied Chemistry, Materials Chemistry (Bachelor's)

Chemistry (Master's)

Chemistry, Materials Chemistry and Physics (Ph.D.)

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School of Physics

Overview

The School of Physics has 90 years of excellence in educating innovative students in physics. The School enrolls around 210 undergraduates every year through its regular physics program as well as two elite programs, i.e., Physics Talent program, and Physics Foundation program. Over sixty percent of the School's undergraduates are admitted by such reputable universities as Harvard, MIT, Princeton, etc. for advanced study. On the graduate level, our students have been awarded with a breadth of scholarships, including the German Humboldt Scholarship, the French Marie Curie Scholarship, and the Japan Society for the Promotion of Science Scholarship, etc.

The School of Physics has actively engaged in student/faculty mobility and scientific research. More than 50 Nobel Prize winners and academicians have visited the School and given academic talks and lectures. We have also hosted six international academic conferences and carried out joint research and student mobility programs with 16 universities and institutions in Europe, America, etc.

Every year, more than 50 teachers go on academic exchange at partner institutions and over 70 students sign up for joint, degree and short-term study-abroad programs, and nearly 20 young faculty visit world known universities in Europe and America as visiting scholars.

Research Highlights

1. Quantum Optics and Quantum Information

The quantum optics and quantum information research team is committed to quantum information processing and quantum computing, optical property control and optical information processing of coherent atomic media, photon orbital angular momentum and high-dimensional quantum information and quantum computing, complex medium and computational imaging and regulation of ultrafast processes in quantum systems. At present, the team has presided over one sub-project of the "973" program, one pre-research project of "973", one project of the National Excellent Youth Fund, 40 projects of the National Natural Science Foundation of China, and seven Doctoral Program projects of the Ministry of Education. The team has a 600-square-meter ultra-clean constant temperature laboratory, and has built an experimental platform for cold atomic physics, computational imaging, quantum computing and quantum communication.

2. Laser and Particle Beams

(1) Achievement in fusion science and high energy density physics based on intense heavy ion beam accelerators and high-power laser facilities. A high degree of stopping for laser-accelerated intense proton beams in dense ionized matter is observed owing to the ohmic stopping mechanism.
(2) Development of experimental methods for ultrafast dynamics in atoms, molecules and clusters, intermolecular interactions in complex systems, and the ultrafast energy and charge transfer phenomena.
(3) Development theories of spin-resolved electron radiation and photon splitting in strong fields, providing the generation methods of strong-laser-driven polarized lepton sources, and finding new signatures of radiation reaction regime.

3. Surface and Interface Engineering of Materials

(1) Development of industrial technology for CuCr contact materials, copper alloys of high strength and high conductivity, elastic copper alloys, etc.
(2) Design and synthesis of intermetallic compounds and magnetic intelligent materials by regulating their structure at the atomic scale, aiming at revealing new rules and laws on the transfer of electrons, atoms and molecules at the surface/interface of materials.
(3) Developments of electrocatalytic materials with high current and long-life for seawater splitting, as well as the water electrolysis device coupled with solar power.
(4) Developments of electrode material for the lithium battery, the hydrogen fuel cell, and sensors etc.

4. Soft Matter and Molecular Biophysics

(1) Combined with the research methods of condensed matter physics, developments of basic theories and methods for the new generation multi-scale structural detections and large-scale system tissue dynamics, focusing on the intrinsic physical mechanisms of genetic, metabolic, immune, tumor and other life phenomena and their relative diseases, to achieve a breakthrough in the original basis and theoretical research of living matters.
(2) Determine structure, synergistic action and physical basis of the metal ions-biomacromolecules complexes at the molecular level, reveal the underlying mechanisms of metal ions as structural fixing factor, diffusion regulating factor and direct participation in biochemical processes, in order to break the bottleneck of traditional biochemical research and guide human's in-depth cognition of life and medical health.

Key Facts

Faculty
160

Professors
48

Undergraduates
701

Postgraduates
316

Majors

Physics, Applied Physics, Materials of Physics, Optical and Electrical Information Science and Engineering (Bachelor's)

Physics, Materialsscience and Engineering (Master's and Ph.D.)

Contact

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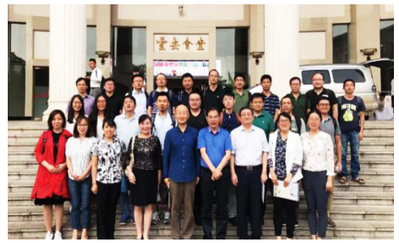
School of Mathematics and Statistics

Overview

The School of Mathematics and Statistics was founded in 2011 and currently houses the Department of Mathematics, the Department of Applied Mathematics, the Department of Information Science, the Department of Computational Science, the Department of Statistics, a Mathematical Teaching Center and a Mathematical Experiment Center. The School also sets up the National Engineering Laboratory for Big Data Analytics, The National Center for Applied Mathematics of Shaanxi, Tianyuan Mathematical Center in Northwest China and Xi'an International Academy for Mathematics and Mathematical Technology. The School offers doctoral degree programs in mathematics and statistics and has two post-doctoral research stations. Mathematics at XJTU is ranked in the top 1% of ESI, while computational mathematics is designated as a prestigious the state's key discipline program in China. In the third and fourth round of China Discipline Ranking (CDR), mathematics and statistics discipline at XJTU were nominated on the A and B lists, respectively.

The School boasts a premier scientific research team with a focus on interdisciplinary research. The School has conducted a breadth of research projects, including the National Key Basic Research and Development Program of China (Program 973), the National High-tech Research and Development Program of China (Program 863), and the Natural Science Foundation of China (NSFC), and has received 3 National Natural Science Awards, 1 National Award for Science and Technology Progress, etc.

The School places great emphasis on curriculum development and teaching reforms, having won 6 national prizes for teaching achievements and conducted 8 national teaching reform projects. The School offers a mathematics national basic subject talent training program to explore innovative talent education patterns and train elites with outstanding knowledge and research potential in mathematics. According to the Chinese Ministry of Education's honor programs ranking, the mathematics national basic subject talent training program of the School ranked fifth in China.



Research Highlights

1. Xi'an International Academy for Mathematics and Mathematical Technology

The Academy aims at further developing mathematical science through extensive research at the forefront of mathematics and its applications and fostering interdisciplinary synergy. The Academy has a large group of domestic and internationally well-known scholars, scientists and engineering technicians, with CAS member Xu Zongben as the founding dean. The Academy endeavors to build a research and development base of mathematics and mathematical technology with domestic and international influence, an innovation base for organizing and carrying out major inter-disciplinary research on mathematics and engineering technology based on national goals, and a gathering place and training base of high-level innovative talents in the field of applied mathematics and inter-disciplinary studies.

2. National Engineering Laboratory for Big Data Analytics

The National Engineering Laboratory for Big Data Analytics was authorized for construction by the National Development and Reform Commission in February, 2017 (NDRC [2017] No.143). The contractor is XJTU and joint contractors include Tsinghua University (THU), Baidu, the State Grid Corporation of China, the Global Energy Interconnection Research Institute, the Henan Zhongyuan Big Data Research Institute, etc. The laboratory focuses on the national demands for improving weaknesses in basic algorithms of big data analysis and processing, accelerating the development of big data core algorithms and increasing efficiency in developing big data application products. It has conducted technological research and has promoted the development of basic big data algorithms, the core algorithms of big data analysis and processing and the evaluation and engineering of big data algorithm, so as to provide technological support for the implementation of national big data strategies.

Key Facts

Faculty
149

Professors
44

Undergraduates
681

Postgraduates
561

Majors

Computational Mathematics,
Allpied Mathematics,
Fundamental Mathematics,
Probability and Mathematical Statistics,
Operation Science and Control Theory,
Statistics,
Applied Statistics (Big Data),
etc

Contact

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School of Mechanical Engineering

Overview

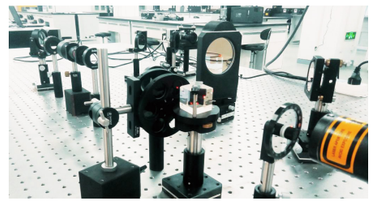
The mechanical engineering program at XJTU has a history of over 100 years, having witnessed changes and development of engineering education in China. SME covers various research ares in the field, including manufacturing and automation, mechanical electronics, mechanical design and theory, vehicle engineering, precision instrumentation, measurement technology, etc. Mechanical engineering and instrument technology programs are highly ranked prestigious programs in China. According to ShanghaiRanking's Academic Ranking of World Universities and U.S. News world ranking by subject, the XJTU mechanical engineering program has sustained the top 2 place worldwide since 2018.

SME in Figures:
3 campuses: Xinqing campus, Qujiang campus, and iHarbor
97% of students hired prior to graduation
11 National research and teaching centers
17 Provincial/Ministerial labs and centers
2 national off-campus fieldwork bases

Goal of SME:
-Build disciplinary prestige;
-Align education with national demands;
-Contribute to the local and nationaleconomy.

Educational Vision:
Personal development, university development, and national mission

Honors
5 Academicians of the Chinese Academy of Sciences/Chinese Academy of Engineering
11 national awards
23 provincial and ministerial awards
>300 national key projects



Research Highlights

1. iHarbour Academy of Frontier Equipment (iAFE)

Established in 2019, iAFE occupies an area of 100,000 square meters at the iHarbor campus. IAFE endeavors to make technological breakthroughs and innovations in the field of frontier equipment and intelligent manufacturing and to foster new educational programs.

iAFE houses the following research institutes and centers:

- International Center for Machinery
- Institute of Aero-Engine
- Institute of Aerospace Manufacturing and Information Engineering
- Institute of Robotics and Intelligent Systems
- Institute of Design Science and Basic Components
- Institute of Engineering & Medicine Interdisciplinary Studies
- Institute of Advanced Manufacturing Technology
- Institute of Precision Engineering
- Institute of Intelligent Diagnosis and Control for Equipment
- Institute of New Energy Equipment and Quality Engineering

2. State Key Laboratory for Manufacturing Systems Engineering

The Laboratory is founded on three nationally recognized disciplines, i.e., machinery manufacturing & automation, system engineering, and management science & engineering. Research interests include advanced manufacturing theory and technology (agile manufacturing, virtual manufacturing, concurrent engineering, rapid engineering, reverse engineering, quality engineering, etc.); manufacturing informationization and manufacturing system engineering (modern integrated manufacturing technology, manufacturing system modeling, simulation and optimal scheduling, network information system, database, computer collaborative working system, network information security, etc.); equipment manufacturing and integration (monitoring and diagnosis of equipment and manufacturing system, control technology of advanced machinery, robots, MEMS components, optical, mechanical and electrical integration, etc.); management and decision making of advanced manufacturing systems (development stratagems, virtual enterprises, supply chains, etc.).

Key Facts

Faculty
480

Professors
178

Undergraduates
1,300

Postgraduates
2,000

Majors
Mechanical Engineering

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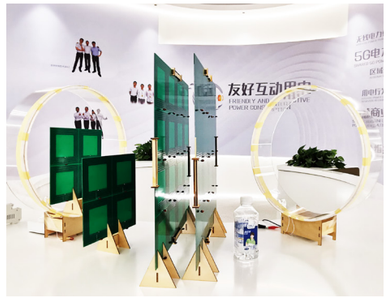
School of Electrical Engineering

Overview

The history of the School of Electrical Engineering can be traced back to the Department of Electrical Machinery, founded in 1908. The School has the earliest and the most complete electrical engineering program in China. In alignment with the country's strategic demands, the school mainly offers the electrical engineering program, encompassing control science and engineering, instrument science and technology. The electrical engineering program was recognized as an A+ discipline by the Chinese Ministry of Education (MOE) in 2016 and was put on the national disciplinary list for building world prestige. The School boasts premier faculty and research teams comprising 5 academicians and more than 27 scholars supported by the national talent programs. The School houses the State Key Laboratory of Electrical Insulation and Power Equipment, the National Electricity and Electronics Teaching Base for Basic Engineering Courses, and 11 provincial talent training and scientific research bases. The School also sets up joint research institutes with industry, including the State Grid Corporation of China, Northwest Institute of Nuclear Technology, the Chint Group, etc., to engage in state of the engage in the state-of-the-art research, The School has received 10 awards for national scientific and technology achievement, and 2 awards for national science and technology progress.

The graduates from the school have become the backbone of the power and energy industry in China, including 34 academicians of the Chinese Academy of the Engineering/Academy of the Sciences and 24 scholars recognized by national talent programs.



Research Highlights

1. State Key Laboratory of Electrical Insulation and Power Equipment (SKLEIPE)

Located in a building of 10,000 square meters, SKLEIPES has established leading national and world-class research platforms on preparation and physicochemical analysis of dielectric materials, electrical insulation design, measurement and assessment, testing switchgear devices, design and testing of intelligent electrical apparatus, pulsed power and plasm, nanomaterials for renewable energy, arcplasmadiagnosis, and space dielectric charging test. The Laboratory has advanced the forefront of dielectric defect trap theory and switching technology of power equipment through its scientific research and educational programs. SKLEIPE is striving to provide technical solutions to electric power equipment through building an internationally renowned and high-impact base.

2. Energy Internet Innovation Experimental Platform of iHarbour

This platform was built by XJTU in collaboration with the State Grid Shaanxi Electric Power Company to advance the technological progress of energy Internet. The platform is the first of its kind in energy Internet innovation in China, boasting advanced energy and power technologies such as resilient power systems, intelligent interaction, and multi energy integration as application carriers.

3. The Wide Bandgap Semiconductor Devices and System Integration (WBGDSI)

This platform engages in researches on devices, packaging & integration, and industrial applications, with the goal of solving key technical problems, providing innovative solutions for industry, and facilitating green energy utilization in a global context. Taking advantage of well developed technologies, WBGDSI Platform is able to fully explore the potential of new devices, thus renovating or creating many applications with benchmarks in frequency, power density, operating temperature and reliability.

Key Facts

Faculty
280

Professors
80

Undergraduates
1,757

Postgraduates
2,720

Majors

Electrical Engineering and its Automation, Measuring & Control Technology and Instrumentations (Bachelor's)

Electrical Engineering, Instrumental Science and Technology, Pulse Power and Discharge Plasma, Control Science and Engineering (Master's)

Power Energy - Electrical Engineering (Professional Master's Degree)

Contact

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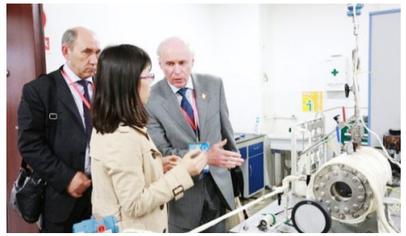
School of Energy and Power Engineering

Overview

The School of Energy and Power Engineering (EPE) is one of the eldest schools at Xi'an Jiaotong University (XJTU) with a research focus on energy and power engineering fundamentals. EPE established the first majors in the areas of boilers, steam turbines, auto-mobile manufacturing, refrigeration and cryogenics, compressors, etc, in China. The School is recognized as the top energy and power engineering school in China and strives to graduate future leaders in the field of energy and power engineering.

The School has the largest number of faculty at XJTU and has been a leader in energy conversion, utilization, and power engineering through its groundbreaking research and industrial applications. With nearly a hundred years of history, EPE is currently a prestigious school widely acclaimed for its educational and research programs.



Research Highlights

1. State Key Laboratory of Multiphase Flow in Power Engineering

The Laboratory was created in 1992, and has been recognized as the top national laboratory four times since 1997. The goal of the Lab is to provide theoretical and technological solutions to multiphase flow in energy-power engineering, energy-chemical engineering, energy-environmental engineering, etc. The Lab has received 27 National Science and Technology Awards and 65 awards at provincial and ministerial levels. The research project on a poly-generation-technology based on steaming coal with supercritical water gasification for hydrogen production, power generation and heat supply was well regarded as one of the top ten discoveries made by Chinese universities for scientific and technological progress.

2. International Joint Research Laboratory of Thermal Science and Engineering

IJRL-TSE was recognized by the MOE in 2016. Focused on the subject of thermal science and engineering, IJRL-TSE, together with famous international universities and institutions investigates the basic researches of efficient and environment-friendly energy utilization.The international partners include University of Minnesota, Lund University, and Pusan University. By drawing on its own advantages, the lab has jointly conducted researches, held international conferences, and visited international famous universities on a regularly basis. The lab vows to build a world-class lab. The lab gathers both the Chinese and foreign elites and research innovation teams. The lab promises to be a new demonstration base for international operation, talent recruitment and academic evaluation.

3. The Provincial Key Lab of Nuclear Science and Technology

The Provincial Key Lab of Nuclear Science and Technology was originated in 1958. Nuclear science and engineering was approved as national key disciplines in 2007. It has 60 full-time teachers, including 23 professors and 20 associate professors. There are 12 faculties who received the national high-level and young talents program. It has more than 50 sets of the first-class scientific research platforms. It has won 3 national scientific research awards and more than 10 provincial and ministerial scientific research awards in the past five years. On the other hand, it has won 2 national teaching awards and 2 provincial and ministerial teaching achievement awards in the past five years.

Key Facts

Faculty
415

Professors
127

Undergraduates
1,691

Postgraduates
2,454

Majors

Energy and Power Engineering, Renewable Energy Science and Engineering
Nuclear Engineering and Technology, Environmental Engineering, Energy Storage Science and Engineering (Bachelor's)

Power Engineering and Engineering Thermophysics, Nuclear Science and Technology (Master's)

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Faculty of Electronic and Information Engineering

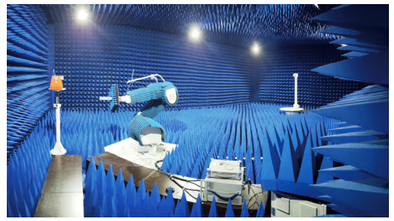
Overview

The history of the Faculty could be traced back to the Electrical Engineering program of the University in 1908. Currently the Faculty covers almost all fields and emerging frontiers of electronic and information engineering, comprising eight schools, including:

- The School of Electronic Science and Engineering
- The School of Microelectronics
- The School of Information and Communications Engineering
- The School of Automation Science and Technology
- The School of Computer Science and Technology
- The College of Artificial Intelligence
- The School of Cyber Science and Technology
- The School of Software

The Faculty offers 5 elite programs including the electronic science and technology, information and telecommunication engineering, control science and engineering, computer science and technology, and cyber science and technology. The Faculty houses over 20 affiliated research institutes and centers, comprising 1 state key lab, 2 national engineering labs (including 1 joint lab), 1 national engineering and technology research center, 3 MOE key labs, 4 Shaanxi key labs, 1 international dielectric research center, 2 national experimental and teaching demonstration centers, 1 national integrated circuit talent education center, and 1 national virtualization and simulation experimental and teaching center.

The Faculty boasts a premier faculty, comprising 9 academicians of the Chinese Academy of Sciences, 1 academician of the Chinese Academy of Engineering, 1 fellow of US National Academy of Engineering, 2 '973' chief scientists, and 8 IEEE fellows etc. The Faculty empowers a vibrant research environment. The Faculty has conducted over 1600 research projects, including the national projects funded by the 973 Program, 863 Program, Natural Science Foundation of China, etc. In addition, the Faculty has authored more than 2, 500 SCI-indexed papers, 3, 500 EI papers, and 120 books and specialized textbooks, and earned 9 national and 61 provincial and ministerial awards in science and technology and registered 741 patents.



Research Highlights

1. The National Engineering Laboratory for Visual Information Processing and Applications (VIPA)

VIPA was officially approved by the National Development and Reform Commission in April 2014. VIPA draws upon the strength of Institute of Artificial Intelligence and Robotics (IAIR) and is the first national engineering laboratory in XJTU, and the first national laboratory in the field of machine vision in China.
VIPA is a major R&D facility for visual information processing and applications such as the advanced active safety and unmanned vehicles, large-scale visual information processing and applications, new artificial intelligence (AI) computing architecture and its implementation, space vision computing chips and systems, etc.

2. Ministry of Education Key Lab for Intelligent Networks and Network Security

The Lab was formally inaugurated in December 2008 by building upon XJTU's strength in Computer Science and Technology, Control Science and Engineering, Information and Communication Engineering, Cyberspace Security, and Mathematics. The lab focuses on networked systems including big data analysis, system optimization and security, etc. The main research interests include big data analysis and information fusion for networked systems, optimization of networked systems, security of networked systems, networked education systems and intelligent learning, etc.

3. Electronic Materials Research Laboratory (EMRL)

EMRL was established in1986 by Prof. Yao Xi, an academician of the Chinese Academy of Sciences and further developed into a Key Laboratory of the Ministry of Education, China in 1995. EMRL is a powerhouse of research and academic exchange in the area of function materials. The research interests include dielectric and oxide semiconductor materials and devices for their electronic and optoelectronic applications, including ferro/piezoelectric ceramics and devices, dielectric materials and devices, ferroic materials and devices, nano composites, and energy materials and devices, etc.

Key Facts

Faculty
471

Professors
332

Undergraduates
4,134

Postgraduates
4,367

Majors

Electronic Science and Technology,
Microelectronic Science and Engineering,
Information Engineering, Automation,
Computer Science and Technology,
Internet of Things Engineering,
Software Engineering,
Artificial Intelligence (Bachelor's)

Electronic Engineering,
Electronic and Communications Engineering, Integrated Circuits Engineering, Control Engineering,
Computer Technology,
Software Engineering (Master's)

Electronic Science and Technology,
Information and Communications Engineering,
Control Science and Engineering,
Computer Science and Technology,
Cyberspace Security(Ph.D)

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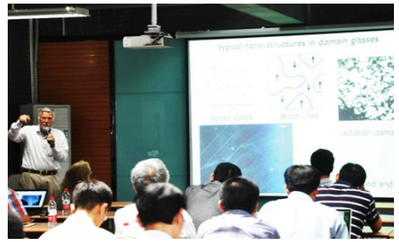
School of Materials Science and Engineering

Overview

The School of Materials Science and Engineering of Xi'an Jiaotong University (MSE-XJTU) focuses on materials research on the forefront of science and technology. MSE-XJTU consists of three departments namely, Department of Material Science, Department of Materials Processing Engineering, and Department of Materials Physics and Chemistry. MSE-XJTU boasts a State Key Laboratory for Mechanical Behavior of Materials (SKL-MBM), and more than 10 other research centers, institutes and laboratories, which are equipped with excellent infrastructure and state-of-the-art facilities. MSE-XJTU engages in advancing international collaboration. The School has established and developed partnerships with world known universities and research institutions through the national Overseas Expertise Introduction Center (111 Center) over the past decade. It also established the Materials Science and Engineering Sub-Alliance under the framework of the University Alliance of the Silk Road (MSESA-UASR), a university network created by XJTU in 2015, to explore research and academic opportunities with countries along the modern Silk Road.

MSE-XJTU dedicates itself to both fundamental research and advanced applications in the area of materials science and technology, including materials for mechanical engineering, electronic and functional devices, sustainable energy, organic and biomedical applications. According to ESI statistics, MSE-XJTU ranks in the global top 1‰ of materials research institutions. MSE-XJTU employs 57 professors, 51 associate professors, 49 assistant professors, and 25 technicians. MSE-XJTU has received 10 national awards, including two for science and technology progress, three in natural science, and five for technological inventions. Since 2010, MSE-XJTU has published over 4,600 research papers on international journals, including Science (9), Nature (2), Nature Materials (5), Nature Energy (3), etc. MSE-XJTU also holds more than 550 granted patents. MSE-XJTU has additionally organized and co-organized 27 international conferences on materials science research. More than 600 scholars from over 20 countries have come to MSE-XJTU on academic visits.



Research Highlights

1. State Key Laboratory for Mechanical Behavior of Materials (SKL-MBM)

SKL-MBM is the most important national research platform operated by MSE-XJTU. It was initially established as the Research Institute for Strength of Metals at Xi'an Jiaotong University in 1963. Research activities include characterization and evaluation of mechanical properties; strength of surface layer and interfacial strength; high-performance materials and their application; and materials performance under harsh conditions. Under SKL-MBM and MSE-XJTU, the School has initiated and developed more than 10 research centers, institutes and laboratories. Here we introduce three research centers that have a strong focus on international cooperation.

2. Center for Advancing Materials Performance from the Nanoscale (CAMP-Nano)

CAMP-Nano is a first-class international research and development platform. Founded in 2008, CAMP-Nano is endowed with cutting-edge instruments, and powered by fun-loving and exploratory spirits. Campers strive to be pioneers at the frontiers of nanoscience and nanotechnology. CAMP-Nano is closely related to the national key disciplines of material science and engineering as well as the State Key Laboratory of Mechanical Behavior of Materials. Using the methods of world advanced in-situ testing, quantification, dynamic testing and the skills of computer simulation and theoretical calculation, CAMP-Nano is endeavoring to become a world-class research platform in searching for the structure and function of materials in the nano-scales.

Key Facts

Faculty
182

Professors
108

Undergraduates
505

Postgraduates
1,066

Majors
Materials Science and Engineering

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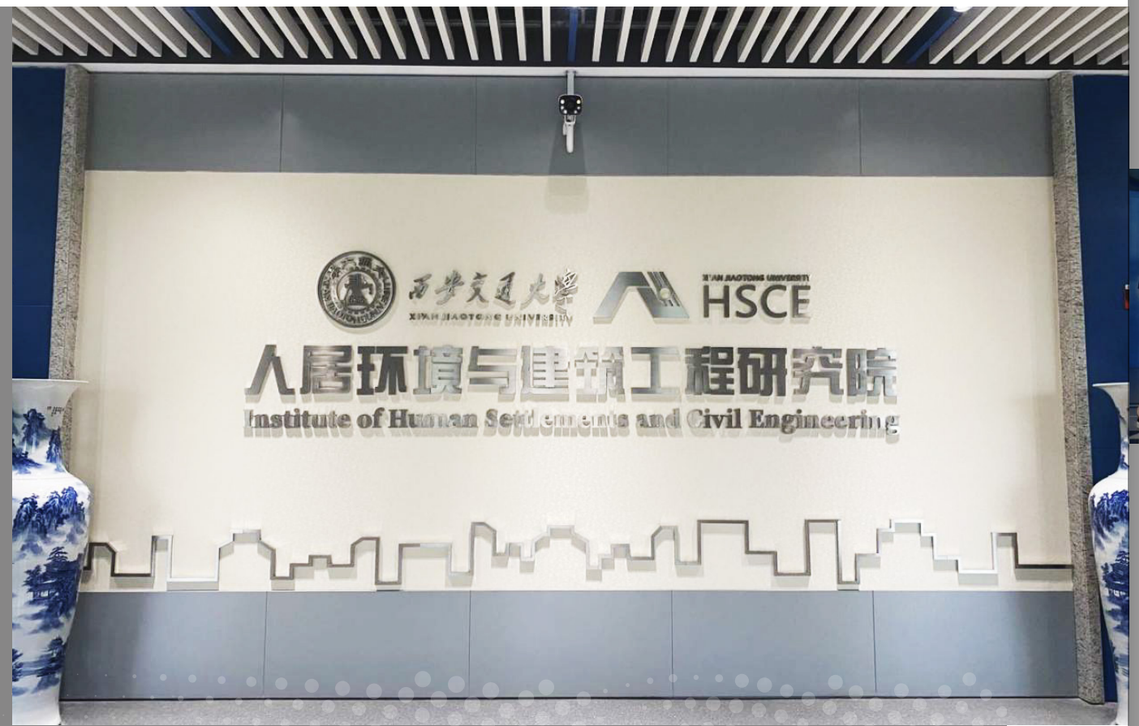
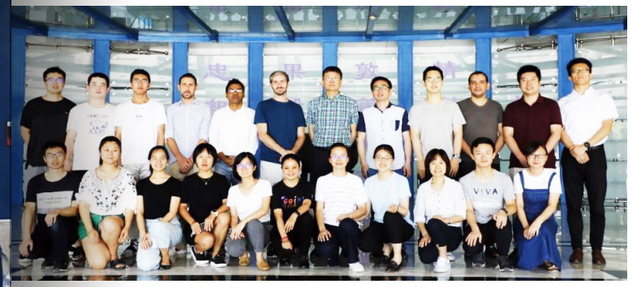


School of Human Settlements and Civil Engineering

Overview

The School of Human Settlements and Civil Engineering (HSCE) was founded in 2005 upon the concept of 'Human Settlements Science' in China. The concept was proposed by the distinguished professor Wu Liangyong, the winner of the 2011 National Highest Science and Technology Award and academician of the Chinese Academy of Sciences and Chinese Academy of Engineering. Professor Sun Jiulin, a famous specialist in the field of resources and environment and academician of Chinese Academy of Engineering, serves as dean of the school.

The School sets up a Built Environment and Civil Engineering facility, comprising four research institutes, i.e., Institute of Architecture, Institute of Civil Engineering, Built Environment & Sustainability Technology Research Center, and Institute of Global Environmental Change.



Research Highlights

1. The Institute of Global Environmental Change (IGEC)

The orientation of IGEC is to generate systematic research features of 'Greenhouse gas-Climate change-Energy saving-Human settlement-Adaptation strategy', which means using the Open-United Mode to force the IGEC's original scientific innovation. Main research interests include stalagmite and global climate change, air pollution control, eco-environmental monitoring and assessment, water resources and environmental treatment, remote sensing and Oceanography.

2. The Institute of Civil Engineering

The Institute of Civil Engineering is aimed at solving key problems in the construction of major projects in response to the country's major construction needs, and to investigate key issues in urban infrastructure design and industrial construction. The research areas mainly include reinforced concrete structure theory, steel structure stability and fracture damage, seismic resistance and design theory of composite structures, seismic reduction and building energy utilization, etc.

3. Built Environment & Sustainability Technology Research Center

The Built Environment & Sustainability Technology Research Center faces the demand of urban development, aiming to sustainable development and construction for human settlements. Research directions are related to low-carbon urban planning, urban climate change mitigation, building environmental promotion systems and material development and etc.

4. Institute of Architecture

With the challenges and opportunities in the rapid development of China's urban and rural areas in the new era, combined with international academic frontier theories and major domestic needs, the Institute of Architecture focuses on historical conservation, urban regeneration, place-making, urban design and other disciplinary issues, and carries out analysis and research on specific issues such as conservation and adaptive reuse of traditional villages, conservation and regeneration of historical districts, conservation and reuse of large heritage areas, renewal and transformation of urban villages, and etc. The research results are of great significance for theoretical guidance and practical reference for the specific practices of the relevant built environment.

Key Facts

Faculty
159

Professors
34

Undergraduates
393

Postgraduates
362

Majors

Science and Technology of Human Settlements, Architecture (Bachelor's)

Architecture, Civil Engineering, Environmental Science and Engineering, Architectural and Civil Engineering, Environmental Engineering (Master's)

Earth and Built Environment Science and Engineering (Ph.D.)

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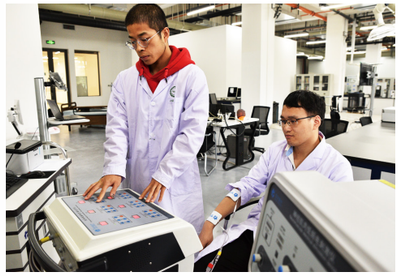
School of Life Science and Technology

Overview

The School of Life Science and Technology was established based on the merger of Xi'an Jiaotong University, Xian University of Medical sciences, and the Shaanxi Institute of Finance and interdisciplinary integration in late 2000. The School has two first-level Disciplines of Biomedical Engineering and Biology.

The School has 42 full-time professors, 44 full-time associate professors and houses two departments (Department of Biomedical Engineering, Department of Biological Science and Engineering), six institutes (Institute of Biomedical Imaging and Application, Institute of Mitochondrial Biomedicine, Institute of Biomimetic Engineering and Biomechanics, Institute of Biomedical Photonics and Sensing, Institute of Health and Rehabilitation Sciences, Institute of Biochemical Analysis and instrumentation), one center (Experimental Teaching Center) and one platform (sharing platform). Building on its overall strength, the School created the National Laboratory of Modern Medical Electronic Technology and Instruments, the Key Laboratory of Biomedical Information Engineering of the Ministry of Education, the Key Laboratory of Biomedical Engineering of Shaanxi Province, and the Nutrition and Health Engineering Research Center of Shaanxi Province.



Research Highlights

1. The Medical Information and Intelligent Engineering Platform.

It houses the Institutes of Health and Rehabilitation Sciences and is geared to the major needs of national clinical care and medical diagnostic and therapeutic equipment. It has a systematic research and development platform of electrophysiological and functional testing equipment and medical instruments at different levels of cells, tissues and organs, and organism, and is a state-of-the-art facility.

2. Medical Sensing and Molecular Diagnostic Platform.

It is composed of Institute of Biomedical Photonics and Sensing to address the challenges regarding chronic diseases and national public health emergency. It stands out as a systematic spectrum detection and advanced optical instrument R&D Platform. The platform is state-of-the-art.

3. Medical Ultrasound and High-end Imaging Platform.

It is made up of Biomedical Imaging and Applied Research Institute, with a focus upon biomedical and health engineering for medical imaging and precision diagnosis and treatment. It is a systematic research and development platform for biomedical ultrasound diagnosis and treatment, as well as a multi-mode imaging and related intelligent diagnosis and treatment research platform, which is top notch in China.

4. Biomolecular and Micro-nano Technology Platform.

It is composed of the Institute of Biomimetic Engineering and Biomechanics and the Institute of Bioanalytical Chemistry and Instrumentation, able to make physical and chemical analysis on the mesoscopic level. The platform is leading in China and first class in the world.

5. Biological Science and Technology Platform.

It consists of the Institute of Mitochondrial Biomedicine, the Center for Biomedical Information and Genomics, and advanced mitochondrial Biomedical Research Platform to conduct basic molecular, cellular, microbial research with the advanced equipment.

Key Facts

Faculty
143

Professors
37

Undergraduates
626

Postgraduates
425

Majors
Biomedical Engineering, Biology (Bachelor's)

Biomedical Engineering, Biology (Master's)

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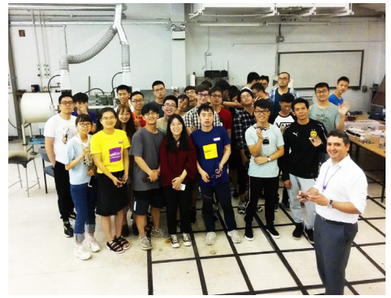
School of Aerospace Engineering

Overview

The School was established on April 10, 2005 and comprises the Department of Aeronautics & Astronautics Engineering and Department of Engineering Mechanics. The School also houses the State Key Laboratory for Strength and Vibration of Mechanical Structures (SVL), the National Mechanics Experimental Teaching Demonstration Center, the International Center for Applied Mechanics, and the International Center for Engineering Education. The School offers doctoral programs in Mechanics, Aerospace Science and Technology (both are first-level disciplines), as well as a postdoctoral program in Mechanics. It also provides Master's programs in Aerospace Engineering and Aeronautical Engineering. The Mechanics discipline was included in 'the First-Class Discipline Plan' of Double First Class University Initiative of China. In addition, the Mechanics discipline ranked No. 1 in 2017 among the Mechanics disciplines of all universities in China according to ARWU.

The School boasts a premier faculty. The majority of faculty members hold a doctoral degree from top universities and institutions, including Harvard, Oxford, Cambridge, the University of Tokyo, Columbia University, the National University of Singapore, etc.

The School aligns its educational and research programs with serving the local community and the country as well. The School strives to train students capable of tackling challenges on the forefront of aerospace engineering through its innovative educational programs and multidisciplinary research opportunities in a dynamic and enriched environment.



Research Highlights

1. State Key Laboratory for Strength and Vibration of Mechanical Structures (SVL)

The Laboratory was formerly granted to establish by the National Planning Committee in 1985 and opened in 1988. Through the development of more than three decades since its opening, the SVL is renowned as one of the most important bases for research and education in mechanics in China. The SVL focuses on the challenging mechanical problems involving key equipment, national defense and interdisciplines, and is dedicated to the development of new theories, methods and technologies. The main research interests include: Strength theory and failure mechanism of solids; Mechanics of intelligent materials and structural multi-functionalization; Vibration and reliability assessment of equipment structures; Dynamics and control of electromechanical systems.

2. International Center for Applied Mechanics (ICAM)

The Center is the first-of-its-kind major research center for applied mechanics in China. The administrative structure of ICAM is based on that of Ivy League universities and departments, and emphasizes high-efficiency flat management. As a powerhouse for research and educational reform in mechanics in China, the goal of ICAM is to attract and foster top-toched talents through pioneering research and develop world prestige in mechanics. ICAM focuses on cutting-edge research at the forefront of mechanics including Mechanics of Soft Matter and Biomaterials, Mechanics of Optofluidics/Experimental Fluid Mechanics, Nanomechanics, and Computational Mechanics.

Key Facts

Faculty
104

Professors
46

Undergraduates
688

Postgraduates
696

Majors

Engineering Mechanics, Flight Vehicle Design and Engineering
Flight Vehicle Propulsion Engineering (Bachelor's)

Mechanics, Aeronautical and Astronautic Science (Master's)

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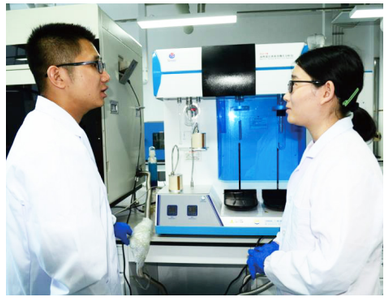
School of Chemical Engineering and Technology

Overview

The School of Chemical Engineering and Technology (SCET) begins its life as the Department of Chemical Engineering in April 1984. So far, there are 5 research institutes with over 130 faculty members, including 1 Academician of Chinese Academy of Engineering, 1 national level leading scholar and 8 national level young scholars. It also operates over 10 provincial research bases, such as "Shaanxi Key Laboratory of Energy and Chemical Process Intensification", and "Key Laboratory of Coal-Based Carbon Materials for the Petroleum and Chemical Industry". SCET has two national first-class major, including Chemical Engineering and Technology and Process Equipment and Control Engineering. The key research focuses on chemical engineering, industrial catalysis, transfer process intensification, chemical process machinery and polymer science in chemical Engineering. In recent years, SCET has undertaken more than 320 projects, including National Key Research and Development Programs of China, the projects of National Natural Science Foundation of China, and international cooperation projects. In the past three years, SCET has published more than 400 papers.

In 2018, SCET has initiated the Chemical Engineering Sub-Alliance of University Alliance of the Silk Road. The Sub-Alliance members come from China, UK, Australia, Pakistan, India, Malaysia, Iran, Ukraine and other countries, and the member number has increased up to 42.



Research Highlights

1. Chemical Engineering Research Institute

It focuses on green process technology, multi-scale simulation of multiphase reactors, energy storage & conversion materials engineering, and process system engineering. Its research results have been applied in Sinopec, PetroChina and etc.

2. Industrial Catalysis Institute

Its interests include theoretical and computational catalysis, new catalytic material design, and catalytic reaction engineering. Its recent researches focus on green catalysis, such as nitrogen and water catalyzed into ammonia, photocatalysis to produce hydrogen and etc.

3. Transfer Process intensification Institute

It provides theoretical and key technical support for industrial upgrading and development in the transfer process intensification, engaged in thermal and chemical conversion and utilization of solar energy, enhanced heat transfer technology and equipment and etc.

4. Chemical Process Machinery Institute

It covers high-end compressors for specialized use, efficient & compact heat exchangers, absorber & stripper for CCUS, thermal/hydrogen energy storage systems, as well as the monitoring, diagnosis, prediction and intensification of key equipment and processes.

5. Institute of Polymer Science in Chemical Engineering

It is dedicated to the basic innovation and application of high-tech materials and to explore new polymerization technologies and material modification technologies. Its interests include polymer rheology, high performance polymer, biomedical polymers and nano-materials and etc.

Key Facts

Faculty
137

Professors
33

Undergraduates
405

Postgraduates
496

Majors

Chemical Engineering and Technology
Process Equipment and Control Engineering (Bachelor's)

Chemical Engineering and Technology
Power Engineering and Engineering Thermodynamics
Materials and Chemical Engineering (Master's)

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Health Science Center

Overview

Health Science Center (HSC), formerly Xi'an Medical University, was founded in 1912. Its predecessor was National Peking University School of Medicine.

HSC has 8 teaching entities, including School of Basic Medicine, School of Pharmacy, School of Public Health, School of Medicine & Forensics, School of Nursing, and 3 affiliated hospitals. HSC houses 6 research institutes (including Translational Medicine Institute, MED-X Institute, Global Health Institute, Precision Medicine Institute, Institute of Pharmaceutical Science and Technology, Forensic Bioevidence Institute) and 5 centers, namely Experimental Animal Center, Biomedical Experimental Research Center, the Ministry of Education Key Laboratory of Environment and Genes Related to Diseases, Medical Education Center and Hospital Management Center.

HSC specializes in 6 disciplines, namely Clinical Medicine, Pharmacology and Toxicology, Biology and Biochemistry, Neuroscience and Behavior, Molecular Biology and Genetics, Immunology, and it is ranked in the top 1% on the ESI global list. In particular, HSC boasts Tier-A doctorate degree programs in 7 specialities, namely Biology, Basic Medicine, Clinical Medicine, Public Health and Preventive Medicine, Pharmacy, Nursing and Stomatology, 1 doctorate program in Clinical Medicine, and 6 Tier-A postdoctoral programs.

HSC offers 8 academic programs with different lengths of schooling, namely Clinical Medicine (5-year, '5+3' year, Zonglian Pilot Class, and international), Stomatology (5-year and international), Preventive Medicine (5-year), Forensic Medicine (5-year), Basic Medicine (5-year), Nursing, Pharmacy, and Pharmaceutical Engineering. The 3 affiliated hospitals are known for superb medical skills and advanced facilities, and they are able to provide internship opportunities.

HSC values medical exchanges and collaboration and an extensive alumni network. It has made extensive partnerships with medical schools and research centers from over 10 countries and regions.

Research Highlights

1. National-Local Engineering Research Center (NLERC) of Screening & Analysis for Natural Vascular Medicine

The Center was established in October 2013 with approval from the National Commission of Development and Reform. The Center focuses on key technical issues in the development and research of natural vascular drugs, particularly on the development of innovative drugs, drug lead screening and discovery, candidate drug discovery and preclinical research, comprehensive drug quality control, research and development of generic drugs, safety evaluation of traditional Chinese medicine injections, food safety testing analysis and evaluation, and training of senior talents.

2. National-Local Engineering Research Center (NLERC) of Biodiagnostic & Biotherapy

The Center was approved by the Shaanxi Development and Reform Commission in May 2010. It is currently the only national-level biodiagnostic and translational medicine engineering research center in northwestern China. It is also a full-service platform, which is open for biodiagnostic & biotherapy and translational medicine. The Center's core is the "Innovation Team of the Ministry of Education" led by Professor Li Zongfang, and at the same time gathers professionals engaged in biotherapy and translational medicine research in the region to form a stable research and development team.

Key Facts

Faculty
10,000

Professors
1,300

Undergraduates
3,912

Postgraduates
3,008

International
1,042

Majors
Clinical Medicine, Stomatology, Preventive Medicine, Forensic Medicine, Basic Medicine, Nursing, Pharmacy, Pharmaceutical Engineering

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School of Economics and Finance

Overview

The School was founded on the merge of Xi'an Jiaotong University with Shaanxi Institute of Finance and Economics in 2000. Currently, the School has 143 full-time teachers, including 42 professors, 64 associate professors and 37 lecturers. Many teachers have received doctorate degrees at well-known universities in the United States, Japan, Britain, Germany, etc. At the same time, the School has employed more than 10 international renowned visiting professors. The School houses one national key discipline (Industrial Economics), and one post-doctoral mobile station for applied economics. The School offers 12 doctoral programs in applied economics and statistics, 5 professional degrees and has 1 nationally recognized course (Panorama to E-commerce), and 3 provincially recognized programs (E-commerce, International Economy and Trade, and Finance). The School also boasts 1 provincial and ministry key laboratory (Shaanxi e-commerce and e-government laboratory), and 1 computer aided design laboratory. In 2017, the School collaborated with Illinois Institute of Technology and Business School, launching the "3+2" Bachelor and Master dual degree program. In 2018, the School and HSBC started a joint undergraduate program–HSBC Elite Class for Finance and Technology. In 2019, the School collaborated with the Head Office of China Construction Bank on launching the 'Financial Technology Elite Class'. developing a new talent training mode linking academia with industry.

The School has conducted more than 100 national projects and 500 provincial and ministerial projects, with an annual funding of nearly 10 million Yuan for scientific research. Moreover, the School has published more than 3,000 Chinese and English papers in Economic Research, The World of Management, China Industrial Economy and SSCI Source Journals. Furthermore, the faculty has received more than 100 provincial and ministerial scientific research awards. In 2017, the School entered the top 1% in the ESI world ranking, and was ranked the fourth in mainland China after Peking University, Tsinghua University and the Chinese Academy of Sciences. According to the fourth-round discipline evaluation by the Ministry of Education in 2017, Applied Economics discipline of the School was nominated on the Category A list and ranked 8th in parallel with Tsinghua University and other universities.

Research Highlights

The School houses a research facility encompassing finance & public economics, industrial economics, international trade and regional economics, and economics, to develop industry-university linkage in the fields of industrial innovation and development, service trade, sustainable development, and new financial market and governance on the iHarbor campus.

1. The Fintech Institute of XJTU-THS

The Institute carries out extensive research cooperation with the Hithink Flush Information Network Co., Ltd., and serves as an experimental platform on the forefront of financial engineering innovation.
The Institute is dedicated to big data, block chain, and information technology-related financial research. The goal of the Fintech Institute is to create a powerhouse for fostering qualified personnel in fintech and a new paradigm for fintech innovation and application in China.

2. XJTU- DaDong 'Belt and Road International Products Standards' Research Institute

The Institute aims at developing countermeasures and standards by establishing standard information exchange and communication platform along the Belt and Road countries as a carrier, promoting the research of technological barrier penetrability, sharing ability and universality in technological achievement of digital economy and production promotion.

3. The Computable Agent-based Complex Economic System Institute

was created in collaboration with the research team at Peking University. It commits to better depicting and simulating the problems difficult to be solved by traditional economics through independent and original research and also stands at the forefront of the world.

Key Facts

Faculty
161

Professors
42

Undergraduates
1,139

Postgraduates
682

Majors

Finance, Industry and Economics, International Economy and Trade, Economics, Statistics, E-Commerce, Public Finance, Fintech (Bachelor's)

Finance, Industry and Economics, International Economy and Trade, Economics, Statistics, E-Commerce, Public Finance, Fintech (Master's)

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Jinhe Center for Economic Research

Overview

Jinhe Center for Economic Research (JCER) was established in June of 1997, with the joint efforts of Prof. Yusen Kwoh, Prof. Chuntien Hu and a group of distinguished scholars from Taiwan.

Research at JCER aims to develop innovative solutions to the world's economic puzzles and issues with both economic theories and quantitative research methods. Research fields include Trade Policy, Financial Analysis, Economic Forecasts, Resource and Environmental Economics, and Economic History, Public Finance, Economic Growth, Health Economics, and etc.

JCER offers degree education at different levels in economics with multiple curricula and teaching materials adopted from international leading graduate programs in economics. Bilingual instructions are given by well-known faculties from both China and abroad. JCER is committed to high-standard of education and rigorous academic research. Both theoretical learning and training empirical ability are emphasized at JCER.

JCER aims at cultivating professionals who can excel in theoretical research fields and adapt to China's development pattern. The undergraduate curriculum in economics is designed to provide a firm grounding in modern economic theory; to instill a capacity for independent thought in economic policies and problems; to develop a capacity for quantitative research, and to provide basic descriptive knowledge about China and the world economy. The graduate curricula are designed to provide a higher level of courses in microeconomics, macroeconomics, and econometrics. Students are also required to complete other optional courses, such as Industrial Organization, International Economics, Labor Economics, Applied Microeconomics, Econometrics, Financial Economics, International Finance, Welfare Economics, and Advanced Economic Theory, etc.

With an advanced innovative education concept, JCER has achieved fruitful results in the past decades. In the longer term, JCER will continue its endeavor to realize its dream and mission, that is, to be the purest institution for economic learning and research, and the cradle of future outstanding economists. JCER will perform its duty and fulfill the obligations to cultivate talents and promote the development of the disciplines of theoretical and applied economics.

Key Facts

Faculty
21

Professors
19

Undergraduates
100

Graduates
90

International
9

Majors
Theoretical Economics or Applied Economics (for International Students)
Quantitative Economics and Finance (Undergraduate)
Economics (Graduate)

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School of Management

Overview

Founded in 1928, the School of Management (SOM) is one of the earliest management schools in China. It is among the first hatch of schools in China to offer the professional degree programs such as MBA and EMBA. It now has two national first-level key disciplines, i.e. Management Science and Engineering and Business Administration, and doctoral program and postdoctoral research station of the above two disciplines.

Since 2002, Management Science and Engineering, and Business Administration have been designated the top programs for four consecutive times by the Ministry of Education In 2011, the School was accredited by AACSB and maintained AACSB Business Accreditation in 2016. In 2021, SOM achieved the AACSB Business Accreditation for the third time. SOM was the first business school in mainland China to be awarded with the five-star rating in QS (Quacquarelli Symonds) Stars for Global Business Schools in 2016. In 2017, Management Science and Engineering, and Business Administration were both nominated the national-level "Double First-Class" disciplines.

The School has 7 academic departments and provides undergraduate program, master program, doctorate program, MBA, EMBA, MPAcc, MEM, engineering master program, and other senior management training programs. SOM has trained more than 10,000 senior talents through MBA and EMBA programs, and more than 10,000 management cadres for Shaanxi province.

The School has made extensive relationships with over 30 international universities, including MIT, Cambridge, University of Texas at Arlington, City University of New York, University of Alberta, Canada, the National University of Singapore, France SKEMA business school, University of Novi Sad, Serbia, Chung Cheng University, etc. In 2015, the School established the Silk Road Management Schools Alliance. 15 colleges and universities from 7 countries participated into the Alliance as founding members.

Since its foundation, SOM has conducted more than 100 projects including Natural Science Foundation projects, and National Funds for Distinguished Young Scientists. It has received 3 awards for national science & technology progress, 4 awards for national teaching achievement, 1 China Population Prize, more than 100 scientific and technology awards from the Ministry of Science and Technology, Ministry of Education, and municipal and provincial authorities. SOM has additionally published thousands of papers in important Chinese and international journals, and more than 100 academic monographs and textbooks.

Research Highlights

1. Research Center of China Economic Reform Innovation and Assessment

The Research Center of China Economic Reform Innovation and Assessment is a new pattern think tank jointly built by National Development and Reform Commission and Xi'an Jiaotong University, which focused on in-depth research about Structural Reformation, Economic Operation, Credit System Construction, Social Development Problems and so on. The main objective of this research center is to help China solve urgent and important issues by integrating the power and resource of the Government, Production, Study and Research.

Research of Structural Reformation mainly focuses on Strengthening the System Integration After Reformation, Overcoming the Obstacles in Business Environment, Technology Innovation, Promoting Consumption, Entrepreneurship and so on. Research of Economic Operation mainly focuses on Logistics and Factor Endorsement to ensure the high-quality development of internal and external economic circulation. Research of Credit System mainly focuses on the theoretical research and third-party assessment of the hot and difficult problems in the social credit system construction. Research of Social Development Problems mainly focuses on the important issues relating to the society and citizens livelihood, such as the innovative and combined application of new technology and theory.

2. Research Center for Chinese Management

Since 2006 when Research Center for Chinese Management (hereinafter referred to as the "Center") became one of the first four strategic research bases (Tsinghua University, Shanghai Jiao Tong University, Xi'an Jiaotong University, and Zhejiang University) of the Science and Technology Commission of Ministry of Education, the Center has submitted Expert Advice, strategic consultation reports, special research projects, and other results to leadership of the State Council, Ministry of Education, Ministry of Science and Technology, National Development and Reform Commission, and other ministries and commissions with support from Xi'an Jiaotong University and the School of Management, offering advice and suggestions for the reform of higher education and development of technology in China. In 2012, as approved by Ministry of Education, the Center was rated as one of the first five soft science research bases of institutions of higher education. Based on the first-grade disciplines of business administration and management science and engineering at the School of Management, with the management team of Prof. Xi Youmin (Director), Prof. Guo Ju'e (Deputy Managing Director), and Prof. Feng Gengzhong (Deputy Director), the Center has actively taken in Prof. Li Huaizu from the School of Management and other experts to carry out both full-time and part-time research. The research achievements have been recognized by Ministry of Education, Ministry of Science and Technology, etc.

Key Facts

Faculty
129

Professors
60

Undergraduates
592

Graduates
2,195

International
143

Majors

Accounting (ACCA), Business Administration, Management Science and Engineering, Big Data Management and Application

Business Administration, Management Science and Engineering

International Programs (Master's or Ph.D)

MBA, EMBA, MEM, MPAcc

DBA, Professional Managers MBA, Shaanxi MBA, CEO Executive Program, CPO Executive Program, CTO Executive Program

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School of Public Policy and Administration

Overview

Established in 2004, the School of Public Policy and Administration (SPPA) is led by Prof. Jiang Zhenghua, a renowned population economist and vice chairman of the 9th and 10th Standing Committee of the National People's Congress of China.

SPPA has a multi-level education system. It is authorized to confer bachelor, master and doctoral degrees in the first-level discipline of public administration as well as master degrees in the first-level discipline of education. It is also among the first batch of Chinese institutions authorized to offer the MPA program.

In recent years, the School has undertaken over 110 national projects, including 9 Major Projects of the National Social Science Foundation of China (NSSFC), 3 major projects of the Ministry of Education for Philosophy and Social Science, 11 Key NSSFC Projects, 60 projects of the National Natural Science Foundation of China, and 53 NSSFC projects. The research findings have positively impacted policy making in China. In particular, research on gender imbalance and sustainable social development in China have been reported by Proceedings of the National Academy of Sciences (PNAS) and Science.

SPPA is committed to setting up a high-level platform for international cooperation and research. It has established mechanisms for effective and sustaining cooperation with world-renowned scientists and universities, including Stanford University, Harvard University, Yale University, the University of Victoria, Canada, and Kyoto University.

SPPA aims to build itself into a top internationalized and research-oriented school, cultivating high-level talents in public administration and policy research, and contributing to discipline development of and practice of public administration in China.

Research Highlights

1. Institute of Public Administration and Governance Innovation (IPAGI)

The Institute has a strong faculty with diverse academic backgrounds and extensive research fields. IPAGI employs 20 full-time faculty, includ-ing 9 professors, 5 associate professors, 3 lecturers, and 3 assistant professors. The proportion of those with Ph.D. degrees is 100%, and more than 90% of the teachers have more than one year overseas study experience. Many professors have involved in the National or Ministry of Education Talent Award Program. The main research fields include risk governance, complexity science, urban management, performance management, higher education, etc.

2. Institute of Social Development and Social Security (ISDSS)

The Institute has 14 faculty members including 6 professors, 4 associate professors, 1 lecturer, 3 assistant professor, 4 PhD supervisors, 2 special allowance experts of the State Council, and 1 provincial-level outstanding teacher. ISDSS has established the Ministry of Civil Affairs Policy Theory Research Base, Shaanxi Province Civil Affairs Development Research Base, Shaanxi (universities) Philosophy and Social Sciences Major Research Base, Shaanxi Province International Science and Technology Cooperation Base, Shaanxi Province Medical Security Reform and Development Research Center, Social Security Statistics and Actuarial Science Research Center.

3. Institute for Population and Development Studies (IPDS)

Established in 1984, IPDS was founded by professor Jiang Zhenghua and professor Zhu Chuzhu, who also serve as the honorary directors. Professor Li Shuzhuo is now leading the Institute and is a well regarded scholar who has received a number of national level awards and honors, including the Fudan Premium Management Award. The Institute employs 20 full-time scholars, including 14 professors, 4 associate professors, 2 assistant professor, and 1 guest professor. IPDS also gathers talents who are recognized at the provincial, national, and ministerial levels.

4. Institute of Health Management and Policy (IHMP)

The Institute was established in 1982 and is currently led by Professor Gao Jianmin, a full Professor, PhD Supervisor at XJTU and a State Council Special Allowance Expert. IHMP has 11 faculty members, including 2 professors, 7 associate professors, 1 lecturer, and 1 assistant professors. IHMP specializes in China's medical and health system reform, health policy and health economics, endeavoring to actively promote equity in health services in China.

Key Facts

Faculty
65

Professors
31

Undergraduates
200

Postgraduates
248

Majors
Public Administration, Social Security (Bachelor's)

Public Administration (Master's)

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School of Humanities and Social Science

Overview

The School of Humanities and Social Science was officially established in 1994, and created the Humanities and Social Science Institute in 2019. More than 130 outstanding teachers from the field of humanities and social sciences, offers more than 50 humanities and social science general education courses each academic year.

In addition, the School sets up undergraduate, master and doctoral dual degree programs in collaboration with prestigious universities in Europe and North America. In alignment with the 'Belt and Road Initiative', the School offers the 'Chinese Cultural Studies' master program for international students, providing high-quality Chinese cultural education for students from countries in Africa, Central Asia, Europe, etc.

Over the past five years, the School has conducted more than 100 projects supported by the National Social Science Foundation, etc., and published over 50 monographs and more than 600 papers in national and international journals.

Research Highlights

1. Institute for Empirical Social Science Research

In the context of interdisciplinary studies of sociology, economics, and public administration, the institute conducts theoretical and empirical research on relational sociology with Chinese characteristics, as well as research on economic and social relations, social stratification and mobility, and social governance and policy in transition economies. The goal of relationship sociology research is to be an international cutting-edge academic one, which is the first in China and to the top of the world. Research on the issues of transitional society and social governance is aimed to be the one on major theoretical and practical issues of national development with its research level, comprehensive strength, and research results among the top in the country. Social psychology focuses on moral psychology, Internet and health psychology, aiming to be the strongest discipline in the west and a well-known discipline in China.

2. Institute of Philosophy and Culture

The institute has mobile research stations for undergraduates, masters, Ph.D candidates, and post-doctors, and a well-established talent cultivation system, as well as a Doctor's Degree authorization for the first-level discipline of philosophy. Its competitive edge lies in research on basic philosophy theory, philosophy of information, body philosophy, etc. The goals of the Institute of Philosophy and Culture: First, actively explore mechanisms for the transformation of scientific research results in philosophical think tanks; Second, vigorously promote the development of philosophy discipline, through the research facilities at iHarbor; and eventually creating a philosophy program with national prestige.

3. Institute of Artistic Originality and Cultural Industry

Taking Art Department of College of Humanities and Social Sciences as the basis of teaching and research, and Joint School of Design as the backing, the institute has established a one-to-many international cooperation model. It mainly based on the innovating cooperation with Politecnico di Milano and incorporating other internationally renowned universities. As a discipline characterized by professional foundation and practicality, it takes cutting-edge industry and social service to bring together enterprises, academia, and research institutes.

Key Facts

Faculty
7

Professors
118

Undergraduates
670

Postgraduates
277

Majors

Philosophy, Sociology, Chinese Language and Literature, Environmental Art and Design, Calligraphy (Bachelor's)

Philosophy, Sociology, Social Work, Design, Fine Arts, Journalism and Communication (Master's)

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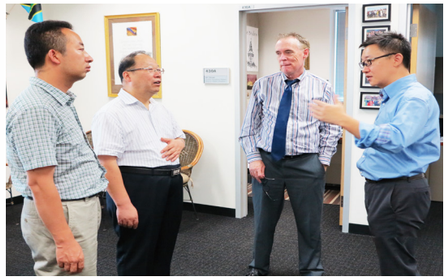
School of Journalism and New Media

Overview

The School of Journalism and New Media was co-founded by Xi'an Jiaotong University and the Publicity Department of Shaanxi in April 2015. It offers an undergraduate program in Network and New Media, a Master's program in journalism and communication, a professional Master's program in journalism and communication, and a doctoral program in cultural communication.

The School has a strong faculty, comprising 6 professors, 14 associate professors and 16 lecturers. 34 of our faculty hold a doctoral degree and 94% of teachers are under 45 in age.

The School houses the Network Public Opinion Publicity Base, Network Public Opinion Research Base in Shaanxi Province, and the New Media and Social Governance Research Center, which is one of the University Think Tanks in Shaanxi. The School also set up a Shaanxi Penguin New Media Institute, a New Media Innovation Application and Branding Laboratory, an Intelligent Media Research Base and a Government New Media Research Center in the province. Up to now, the School has conducted over 100 scientific research projects, including major research projects supported by the Chinese Ministry of Education.



Research Highlights

1. Shaanxi Network Public Opinion Research Base

The Base is a research facility specializing in the practices of network security and information digitization in Shaanxi, in alignment with the cyberspace security campaign in Shaanxi province. The facility engages researchers at the forefront of internet development, network and new media, and public opinion, and builds a link between scholarship and government to conduct targeted research, and improve practices of public opinion on the internet.

2. The Journalism and Communication Research Institute

The Institute was established in November 2008 by drawing on the interdisciplinary strength on journalism, communication, planning, management, sociology, and economics, etc. It examines the communication phenomena and behaviors, regularity of communication activities, and relationships of communication with people, media, and society. The Institute commits to studying the practices of journalism and communication proposed by government departments, enterprises, institutions, media organizations and research institutes to provide solutions through looking into the theoretical and practical problems closely related to image publicity, branding, marketing, corporate culture shaping and media response. In addition to undertaking government commissioned projects, the Institute also actively engages the local community by providing benefits to the social service sector.

Key Facts

Faculty
36

Professors
6

Undergraduates
126

Postgraduates
131

Majors

Network and New Media (Bachelor's)

Journalism and Communication (Master's),

Journalism and Communication (Professional Master's)

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School of Marxism

Overview

The Marxist theory program of Xi'an Jiaotong University (XJTU) has a long history and has always been ranked as one of the top programs in China. The School of Marxism at XJTU was established in 2009 and recognized as an A- program in 2016 by the Chinese Ministry of Education. In addition, the School was recognized as one of the national key Marxist schools in 2017 and created the Institute of Marxism and State Governance in September 2019.

The School offers a Marxist theory program encompassing the basic principles of Marxism, localization of Marxism in China, fundamental issues in modern and contemporary history, moral and political education, the history of Marxism, and foreign Marxism. The School boasts a premier faculty with outstanding teaching and research achievements. Faculty members have received numerous honors and awards from Shaanxi province and China. The School hosts 7 provincial and ministerial bases, including the Center for the Moral and Political Education of the Ministry of Education, and the Shaanxi Provincial Research Center for Socialist System with Chinese Characteristics. In addition, the School houses 10 research centers, which concentrate on social services and policy consultation.

Through training and educational programs and high-impact research, the School further fosters its disciplinary strength and engages in social service endeavors in both western China and nationwide.

Research Highlights

1. Western Poverty Governance Research Center

The Center conducts the research projects of the Ministry of Education and the Poverty Alleviation Office of the State Council to study President Xi Jinping's discourses on poverty reduction, reviews China's experience and practices in poverty eradication, and contributes to the economic wellbeing of the western region in the new era as well as efforts of poverty reduction in China and the world.

2. Research Center for Political Economics of Socialism with the Chinese Characteristics

The Center mainly studies Marxist political economics, and socialist political economics with Chinese characteristics, endeavoring to advise the socialist market economic system and innovative economic development in China as well as the policy-and decision-making for government authorities and enterprises.

3. The Chinese Marxism and Chinese Traditional Culture Research Team

The Team studies Marxism in the Chinese cultural context in an effort to promote traditional Chinese culture and advise on governance practices in China.

Key Facts

Faculty
83

Professors
17

Undergraduates
92

Majors
Marxist Theory, Ideological and Political Education

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School of Law

Overview

The origin of legal education at the Xi'an Jiaotong University (XJTU) traces to early years of the Nanyang Public College. In 1901, Nanyang Public College initiated law courses such as Constitutional Law, Public International Law and Law of International Treaties for its special class of political science. These were the earliest practice of legal education at Jiaotong University, as well as one of the earliest in China.

In 2008, the XJTU School of Law was formally established, with an aim of establishing a world-class "high-level, international, research-oriented" school of law. In 2012, the XJTU School of Law was selected as a "National Centre for Outstanding Foreign-related Legal Personnel Cultivation" and "National Centre for Outstanding Interdisciplinary and Practical Legal Personnel Cultivation" by the Ministry of Education among other national authorities.

The faculty of the XJTU School of Law edit The Chinese Journal of Comparative Law (Oxford University Press), Silk Road Series in International Economic Law (BRILL), and China and International Economic Law Series (Bloomsbury).

The School is well equipped with an International Law Library first-class in the Asia-Pacific region and an internationally leading "Legal Workshop" consisting of a moot court, a moot arbitration center, and a computer-aided teaching and research center. The School also has convenient access to electronic databases such as Westlaw, LexisNexis, TDM/OGEL, IAReporter, Investment Claims and Pkulaw.

The XJTU School of Law is actively engaged in academic exchange and cooperation with world-class institutes, including the University of Cambridge, the British Institute of International and Comparative Law, King's College London, the Max Planck Institute for Private Law, the European University Institute, and University of New South Wales. In 2015, the School launched the Silk Road Law School Alliance, with joint efforts of 25 leading law schools from five continents around the world.

In 2018, the XJTU School of Law became the world's first 5-Star School accredited by Quacquarelli Symonds (QS) which attest to the international recognition of its internationalised legal education during the ten years since its establishment.

In 2019, the XJTU School of Law became the first law institute in Shaanxi Province to be approved by the Central Government to confer doctoral degrees in law. Meanwhile, it's law program was honored by the Ministry of Education as among the first tier of the national "First Class" law programs.

In 2020, the XJTU School of Law was rated within the global top 300 in QS World University Rankings for Law and Legal Studies, and was among the top 14 in mainland China.

Research Highlights

1. COLLABORATIVE INNOVATION CENTRE FOR SILK ROAD ECONOMIC BELT LAW AND POLICY STUDIES

Jointly established by the Ministry of Commerce, Shaanxi Province and Xi'an Jiaotong University, the Center focuses on the innovation and cooperation on law and policy issues essential to build the Silk Road Economic Belt.

Development orientation of the collaborative innovation center:

- A high-level think tank: Maintain multilayer and comprehensive collaborative innovation while creating a high level think tank with Chinese characteristics.
- A cross-disciplinary research platform: Bring the center's superior resources into full play and take advantages of experts, professionalism and concentration to realize more marked achievements in the field of cross disciplinary research.
- An excellent talent cultivation base: In combination with teaching and research, implement the talent training model for the transformation of learners to researchers and practitioners.

In 2016, the Centre was among the first group to be selected as a CTTI (China Think Tank Indiex) think tank. In 2018, it was selected as a "Class A" (top 10) think tank in Shaanxi Province.

2. SILK ROAD INSTITUTE FOR INTERNATIONAL AND COMPARATIVE LAW

Established in 2006, the Institute is committed to the promotion of the rule of law around the world, through the creation of an "innovative, excellent, open, and harmonious" research environment. Professor SHAN Wenhua, Dean of the XJTU School of Law, acts as the Director of the SRIICL. Prof. James Crawford, then Judge of the International Court of Justice (ICJ), held the Honorary Directorship.

SRIICL has appointed several world leading scholars as Marco Polo Fellows, such as Professor Jurgen Basedow, Secretary General of the International Academy of Comparative Law (IACL) and Director of the Max Planck Institute for Comparative and International Private Law, as well as Meg Kinnear, Secretary General of the International Center for Settlement of Investment Disputes (ICSID).

The SRIICL maintains close links with leading international law centers including the Lauterpacht Center for International Law (LCIL) at the University of Cambridge and the British Institute for International and Comparative Law.

In 2019, the international law subject based on the SRIICL was selected as a Centre for Innovation and Talent Cultivation by Foreign Experts by the Shaanxi Province Government.

Key Facts

Faculty
70+

Professors
65

Students
800+

Majors

LLB (in all areas of Law)
LLM (in all areas of Law)
JM (in all areas of Law)
JM (International Legal Affairs)
JM (Chinese and International Business Law, in English)

P.hD (in all areas of Law)
P.hD (Law and Governance)

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School of Foreign Studies

Overview

The School of Foreign Studies (SFS) was established in 1897. At present, SFS offers 3 undergraduate programs: English (including bilingual majors of English & German, English & French, and English & Russian), Japanese (including a bilingual Japanese & English major) and French. SFS is authorized to offer Master's degrees in Foreign Linguistics and Applied Linguistics, English Language and Literature, Japanese Language and Literature, French Language and Literature, as well as Master of Translation and Interpreting (MTI) program (English, Japanese). In 2013, SFS initiated a Ph.D. program in Systemics of Language and Culture. SFS also offers a diverse range of foreign-languages-related courses to undergraduate and graduate students of other majors at XJTU.

SFS boasts a group of brilliant and talented faculty members who are involved in teaching and are actively engaged in a wide range of research fields in linguistics, literature and international relations, covering discourse analysis, second language acquisition and foreign language teaching, fuzzy linguistics, translation studies, ESP, lexicography, foreign literature, etc. Their work has been supported by various research funds, including funding from the National Social Science Foundation and the Shaanxi Social Science Foundation. Research articles are often published in distinguished international journals, and specialized academic books are often published by leading academic presses.

SFS has established ties to 16 well-known universities in the United States, Japan, Germany, France, Australia, and other countries, and has implemented extensive exchange and cooperation programs. Each year, over 50 students and teachers go abroad for study or to participate in research, and more than 10 international scholars are invited to present lectures at XJTU.

Research Highlights

1. Linguistics and Applied Linguistics

Computer science, artificial intelligence, cognitive psychology, neuroscience, communication, and other multi-disciplinary research methods are comprehensively used in order to research language systems, language teaching and acquisition, and academic discourse analysis, aiming to reveal language cognitive and psychological mechanisms, and to design and implement an efficient foreign language teaching model. In recent years, breakthroughs have been made in the research fields of cognitive mechanisms of second language acquisition and processing, brain perception mechanisms and intervention in second language pronunciation, and language cognitive diagnosis and dynamic evaluation. These studies are in a leading position in China.

2. Foreign Literature and Translation Studies

Based on dynamic complex system theory, modern Chinese and Western literature theories, cognitive linguistics, foreign literature studies, comparative literature, translated literature, and literary translation are conducted through context mining, corpus linguistics, and econometric linguistics. Recent progress has been made in comparative studies of Kenzaburo Oe's literature and Lu Xun's literature, translation studies and cognitive processing studies on interpreting, which is in a leading position in China.

3. International and Regional Studies

Based on multiple language studies and integrating history, culture, society, politics, economics, international relations, public policy, and other disciplines, this area focuses on providing reliable intellectual support for enterprises, governments and society on policies and decision making. In considering governmental, public, and non-governmental aspects, researchers combine theories with practice and provide support for constructing think tanks, language services, people-to-people exchanges, and talents training. In recent years, researchers in this area have taken advantage of multi-language studies and achieved significant results in studies of politics, economics, society, history, culture, international relations, the regional economy, public diplomacy, and other issues in key countries and regions along the Belt & Road. With advanced, comprehensive, and interdisciplinary achievements, the research team in this area is among the first group of institutions carrying out international and regional research in China, with its think tank function recognized by the entire society.

Key Facts

Faculty
196

Professors
22

Undergraduates
465

Postgraduates
202

Majors

English (Including Bilingual Majors of English & German, English & French, and English & Russian), Japanese, French (Bachelor's)

Foreign Linguistics and Applied Linguistics, English Language and Literature, Japanese Language and Literature, French Language and Literature, Master of Translation and Interpreting (MTI) Program (English, Japanese) (Master's)

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A Global Campus

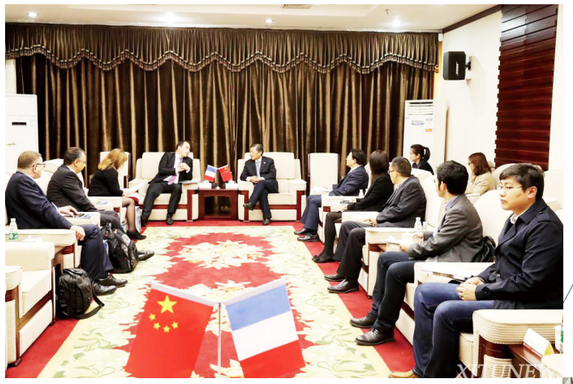
XJTU places our global reach as central to our distinctive vision for the future. Our vision is to be a connected, global University by building upon our internationally recognized research and scholarship and those aspects of our University that are truly distinctive.

1. International Partnerships

XJTU has established extensive international network with 300 universities and research institutions in 44 countries and regions, including the United States, Japan, the United Kingdom, France, Germany, Italy, New Zealand and South Korea.

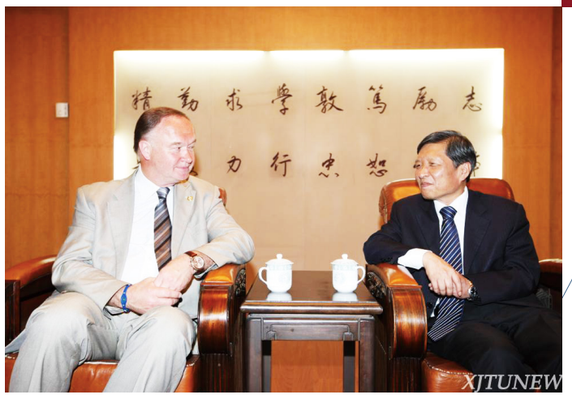
Former U.S.President Jimmy Carter visited XJTU in September 2014 for the First Forum for Young Chinese and American Scholars.

The Dutch Minister of Foreign Affairs Stef Blok visited XJTU in June 2019 to explore opportunities in area of higher education.

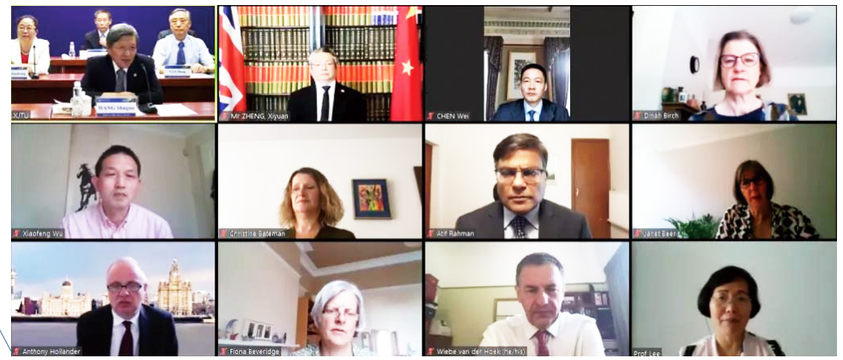


XJTU hosted the delegation headed by President Laurent CHAMPANEY of École Nationale Supérieure des Arts et Métiers (ENSAM) during an agreement signing ceremony.

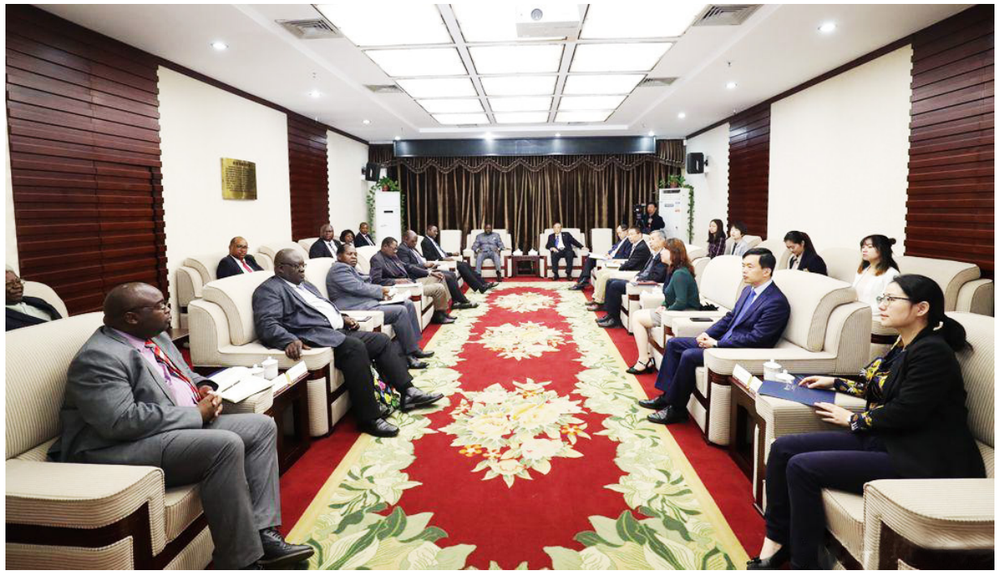
Emeritus Chancellor Mark Wrighton of the Washington University in St. Louis posed for a photo with President Shuguo WANG before the openning ceremony of Washington University Day.



The Vice Rector Sergei Karishnov of Bauman Moscow State Technical University visited XJTU in May 2015 for potential collaboration under the framework of University Alliance of the Silk Road.



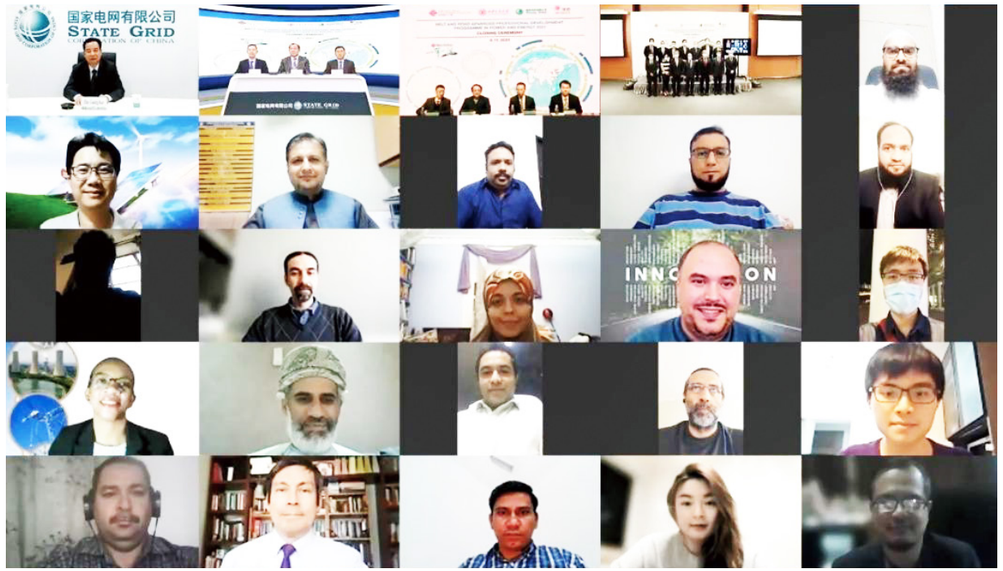
Both XJTU and University of Liverpool leadership met virtually in June 2021 to highlight the strategic partnership and identify priorities and further opportunities on the institutional level.



In 2019, a delegation from academic institutions of Malawi visited XJTU. The First Affiliated Hospital of XJTU dispatched approximately 101 personnel to Malawi on six medical aid missions by the year of 2018.

In October 2021, Mr. Giueseppe Crocetti lead a delegation comprising representatives of International Organization for Migration (IOM) and EU countries in China to visit XJTU for a seminar.

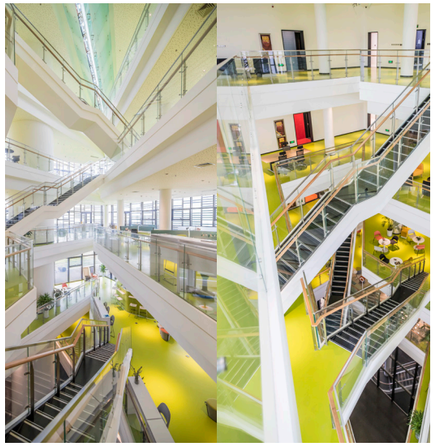
In 2019, XJTU hosted a thematic lecture on ASEAN-China relations.



In November 2021, XJTU launched the virtual Belt and Road Advanced Professional Development Program in Power and Energy in collaboration with the Hong Kong Polytechnnic University, State Grid of China Technology College, and HK Electric.

Pro-Rector Geert de Snoo of Leiden University led a delegation for Leiden University Day in November 2018.

The Rector Ferruccio Resta of Polytechnic University of Milan visited XJTU for POLIMI Day and the Installation of the Joint School of Innovation and Design in September 2019.



The Joint School of Innovation and Design is an iconic building on iHarbor campus.

XJTU became an official member of the Association of Pacific Rim Universities (APRU) community in 2020.

University Alliance of the Silk Road (UASR)

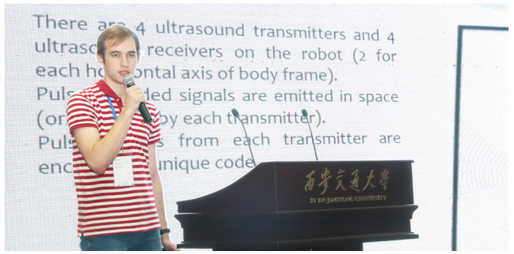
UASR is a non-governmental and non-profit organization set up in 2015 to build a platform for international cooperation in higher education and to promote regional discourse and development. Now UASR is a collaborative network with 151 universities from 38 countries and regions to encourage collaborative efforts in institutional exchange, talent training, joint research, cultural communication, policy studies and medical services.

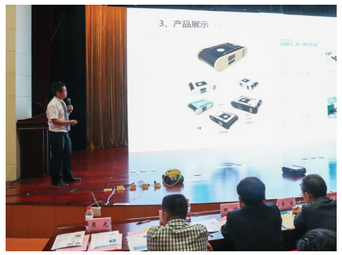
Delegations from member institutions of UASR posed for a group photo during the opening session.

151

universities from 38 countries and regions

Presidents of UASR member institutions gathered for the first Presidents' Summit.

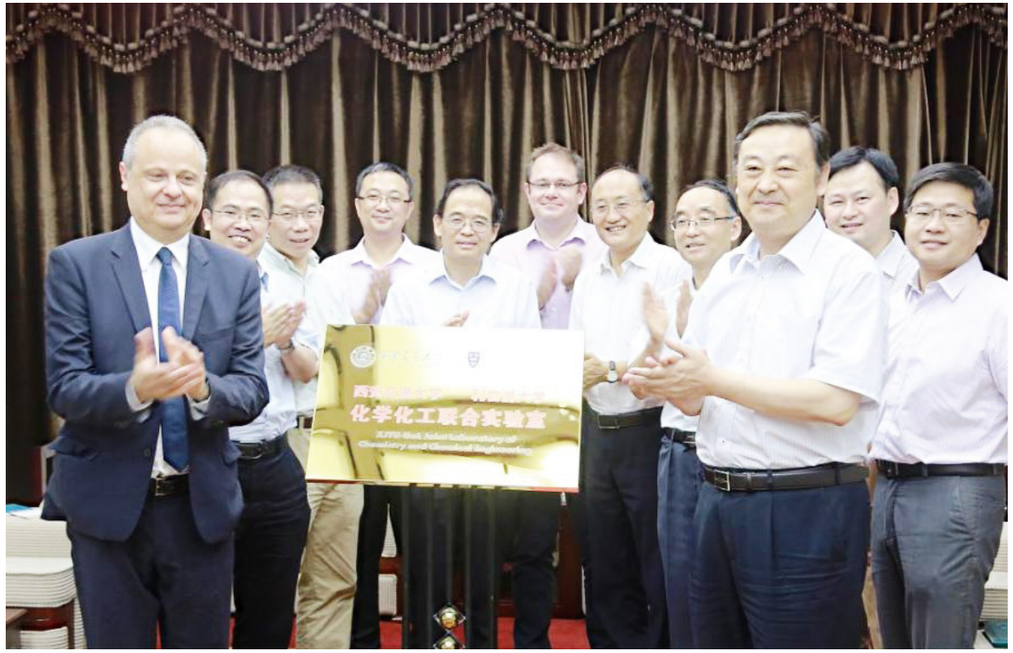




Contestants from UASR member universities competed on the Silk Road Robotics Innovation Competition.

2. Global Research

In April 2016, XJTU launched the International Joint Laboratory for Micro/Nano Manufacturing and Measurement Technologies.



In July 2018, Pro-Vice-Chancellor Anthony Hollander for Research and Impact at University of Liverpool visited XJTU during an installation ceremony for the Joint Laboratory of Chemistry and Chemical Engineering.

In November 2019, Electricite De France (EDF) visited XJTU during an installation ceremony of XJTU-EDF Joint Laboratory.


The American Ceramic Society
presents the
2020 Ross Coffin Purdy Award
to
Fei Li
In Recognition of the Most Valuable Contribution to Ceramic Technical Literature in 2018
"Ultrahigh piezoelectricity in ferroelectric ceramics by design"
Nature Materials, Volume 17,349-354 (2018)


The American Ceramic Society
presents the
2020 Ross Coffin Purdy Award
to
Zhuo Xu
In Recognition of the Most Valuable Contribution to Ceramic Technical Literature in 2018
"Ultrahigh piezoelectricity in ferroelectric ceramics by design"
Nature Materials, Volume 17,349-354 (2018)

In 2020, the XJTU faculty Fei LI and Zhuo XU earned the prestigious Ross Coffin Purdy Award by the American Ceramic Society.

3. Global Education

The University will increase the proportion of highly ranked subject areas at the forefront of knowledge and promote a transformative learning and teaching agenda to support our students as they become creative and culturally rich graduates, nurture their international outlook, and enable them to be agents for change in a connected world.

In 2020, 2,891 international students from 134 countries were enrolled at XJTU, including 2,659 degree-seeking students, 1,106 undergraduates, 893 masters, and 660 Ph.D. candidates.

The Nobel Prize Laureates gave lectures on campus.

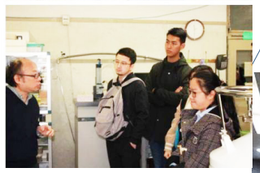
Professor Lionel Vayssieres of School of Energy and Power Engineering received the Chinese Government Friendship Award in 2016.

The 2019 Chinese Government Friendship Award laureate Professor Dieter Hoffmann of School of Physics co-chaired the International Frontier Fusion Conference at XJTU.

In April 2019, the International Pilot Postdoctoral Project in western China was launched at iHarbor.

In April 2018, a select of XJTU students visited the University of Oxford on a short-term research program to an inorganic chemistry lab.

A student was on an internship at DGACM.



In January, the XJTU cohort visited the Okayama University on the Sakura Science program, a collaborative initiative launched by the Chinese Ministry of Science and Technology, and Japan Science and Technology Agency (JST).

In August 2021, XJTU participated into the virtual Xi'an Local4Action HUBs Dialogue Workshop.

The KKS BIG BAND from Hanover, Germany, staged a performance at XJTU on the occasion of the 123rd anniversary of founding of Jiaotong University.

XJTU Robot Team won the VEX U Robot Skills Challenge World Championship.

About Xi’an

12.95 million	Population
10,752 km²	Gross area
63	Universities and colleges

Most popular destination for investment in China (2013)

Most charming city to foreigners in China (2019)

Most livable city in China (2019)

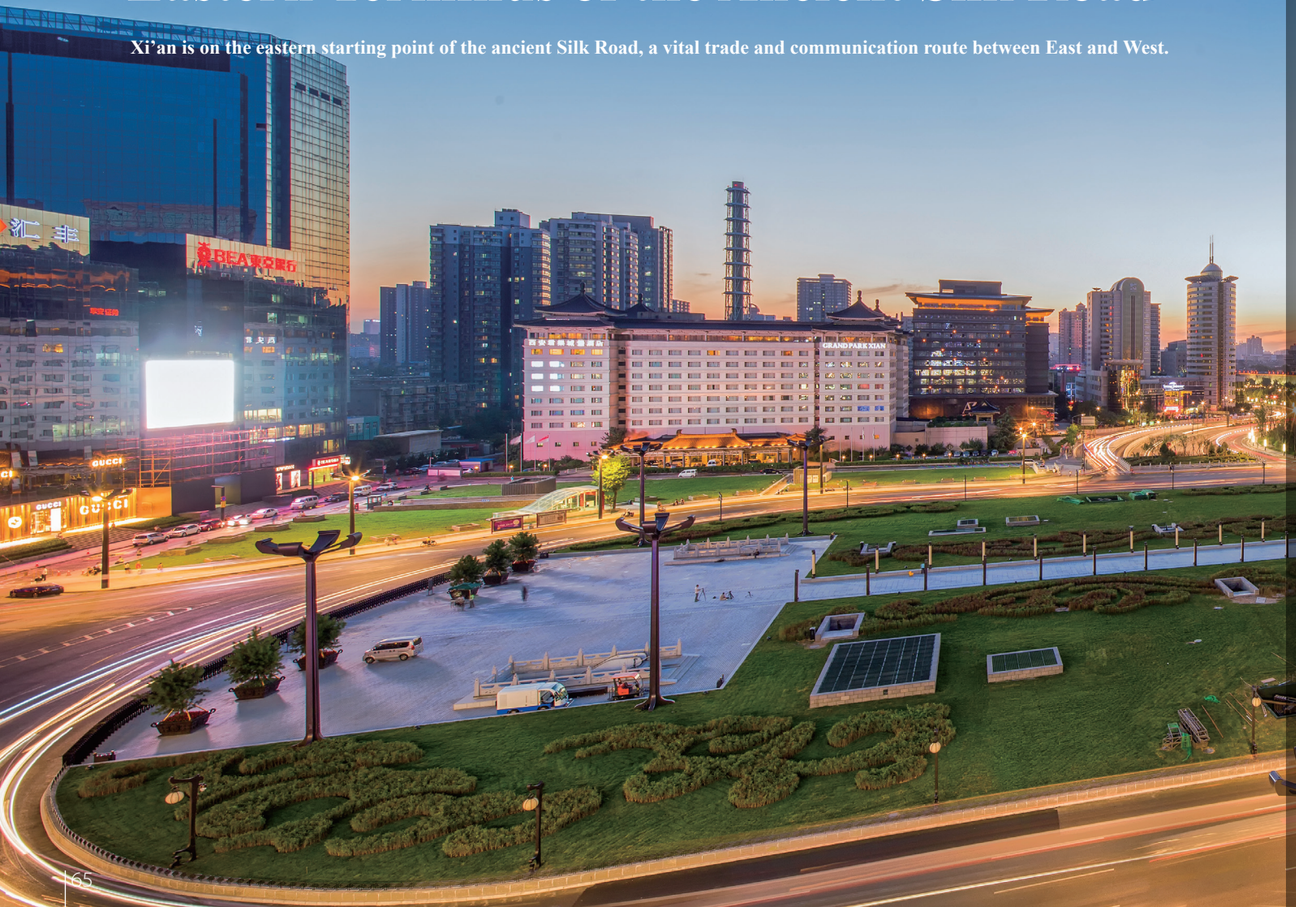
Most popular tourist city in China (2014)

Historical and Cultural City

Xi'an was once the country's capital, one of the richest and best-protected cities in China. Historically known as Chang’an (eternal peace), Xi’an was home to the ruling house of 13 dynasties. The Terracotta Warriors are undoubtedly the No.1 tourist attraction in Xi'an and one of the must-see historical attractions in China.

Eastern Terminus of the Ancient Silk Road

Xi’an is on the eastern starting point of the ancient Silk Road, a vital trade and communication route between East and West.



Paradise for Foodies, Traditional and Folk Artworks

Xi’an cuisine combines various ingredients and cooking skills from both north and south China. The city is also famous for replicated artworks of the Qin and Tang dynasties, such as the Terracotta Warriors, Tri-color Porcelains, Calligraphy Rubbings, etc., and folk craftwork like embroidery, paper cuttings, and paintings.

Hub of Transportation

Xi'an enjoys a unique geographic location right in the center of China, boasting the largest airport in northwest China and well-connected metro lines on easy access to attractions within the city proper. The city is also a large hub along China’s vast railway network and from here passengers can reach almost every big city and tourism venue in China.

Powerhouse of Innovation

The Xi'an Hi-tech Industries Development Zone is leading the industrial development in the city and is often referred to as the Silicon Valley of western China. The park, established in 1998, empowers technological innovations on the forefront of big data, cloud computing, artificial intelligence, integrated circuit design, mobile internet, network security, internet of things and silicon optical chips, through approximately 31 of the world's top 500 enterprises and 38 of China's top enterprises such as Tencent and Alibaba.