

The Yangtze River Delta:

Growing and Prospering by Relying on Integration and Talent

he Yangtze River Delta has boasted the densest population, the most developed economy, the most thriving culture, and the highest living standard in China since ancient times. Because of its exceptionally advantageous location and abundant natural resources, the area has formed two strategic hubs that link it to oceans and connect it with inland areas.

The total economic aggregate of the delta's three provinces (Jiangsu, Zhejiang, and Anhui) and one municipality (Shanghai) reached RMB 1.95 billion (equivalent to USD 295 million as per the exchange rate at the end of 2017) for 2017, accounting for 23.6% of China's aggregate. The economic aggregate of the Yangtze River Delta Urban Agglomeration (YRDUA), which includes 26 cities, reached RMB 1.65 billion (USD 257 million) for 2017, ranking it as the fifth of the top six urban agglomerations worldwide. The per capita gross domestic product (GDP) of the area for 2017 reached RMB 87,400 (USD 13,600), equaling the primary level of developed countries. The per capita GDP of Shanghai, Jiangsu, and Zhejiang for 2017 reached RMB 124,600, RMB 107,200 and RMB 92,100 (USD 19,390, USD 16,680, and USD 14,330) respectively, nearly reaching the median level of developed countries as per the USD averages.

From the perspective of both economic aggregate and per-capita GDP, the YRDUA has ranked as an urban agglomeration with one of the largest economic aggregates and the highest economic vitality worldwide—and it is expected that these conditions will continue to improve.

Yangtze's Plan to Integrate and Develop

The three-year action plan for the integrative development of the Yangtze River Delta was published in 2018, further focusing on key areas such as traffic interconnection, mutual aid and protection for energy development, collaborative innovation in industries, the building of high-speed information highways, joint disaster prevention and environmental control, extensive and convenient public services, and the orderly opening of commercial markets. The plan's objectives are to establish the framework for a world-class urban agglomeration; build a primary facility system with relevant hubs, functions, and networks; and lay the foundation for innovation-driven systems for regional industry and collaborative development by 2020. When these goals are fully realized, the area will become a major conduit for bringing global resources to the Asia-Pacific region as well as a world-class urban center with global influence.

The high-quality integration of the Yangtze River Delta will no doubt reshape the layout of China's economic geography—and possibly that of the world.

The delta has already seen unprecedented changes even in the early stages of integration. First of all, in terms of adjusting administrative structures, the YRDUA has been guiding each city involved in forming its own unique functions by directing them to eliminate existing bureaucratic configurations. Secondly, the area has implemented



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flexible coordination mechanisms at higher levels, established cost-sharing initiatives in specific project operations, and driven cooperation between different regions via "win-win" measures instead of administrative directives. More importantly, when high-speed growth was pursued, the delta used to focus on energy issues and traditional production factors such as labor force allocation; but it is now focused on stimulating innovation, fostering cooperation between science and technology industries and talent, and creating new industry highlands in order to play a more important role in reshaping the global economy.

In addition, the YRDUA is ensuring that required resources are in place to increase connectivity within the delta and to build coordinated development demonstration areas. The establishment of regional intercity railway network planning for co-construction of infrastructures; the creation of a world-class urban agglomeration with the fastest network connection speed through the installation of 5G networks; and the co-construction of the G60 Science & Technology Innovation Valley will be important approaches to securing high-quality integration in the region.

Seeking Talent to Finish the Picture

This "grand scroll" painting of Yangtze River Delta construction is being completed gradually, waiting for more skilled painters to add their master strokes.

Numerous high-level experts will act as these painters—and they will have a rich and varied "canvas" on which to work. Due to historic reasons and their differing levels of development, the delta's administrative divisions have diverse features: Shanghai boasts a highly advanced and innovative science and technology market and a strong educational system; Jiangsu has a solid economic foundation and a powerful manufacturing base; Zhejiang is famous for its wonderful market vitality and creative business models; and Anhui is eager to embrace new technology. However, all these areas have something in common: They are all in urgent need of high-level talent. Even though the Yangtze River Delta holds one of the largest concentrations of intellectual capital in China, the concerns of its administrative divisions about bringing in more talent are still quite obvious.

In regards to talent acquisition, the methods of Hangzhou and Ningbo, two Zhejiang-based cities famous for commerce, are a good example of the intense level of activity that is taking place. As two subprovincial cities in Zhejiang, Hangzhou and Ningbo are recognized for their rapid and steady economic growth. In 2017, the GDP of these two cities reached RMB 1.13 trillion (USD 175.83 billion) and RMB 984.69 billion (USD 153.23 billion), respectively, ranking first and second in the province.

Hangzhou: Becoming a Talent Paradise

Even though it is a city rich in history and culture, and once named by Marco Polo as "a paradise on earth," Hangzhou hasn't been constrained by its traditions. On the contrary, like other Chinese cities, it has experienced its fastest economic growth in a decade. Its GDP has been No. 1 in all of Zhejiang for several years. As a city with an economic aggregate exceeding RMB 1.13 trillion, Hangzhou is one of the few Chinese cities maintaining an annual economic growth of more than 8%. As a result, the city has instituted more stringent requirements for acquiring talent and is now bringing in

specialists from overseas. In recent years, it has introduced 29,000 high-level experts studying abroad and 15,000 foreign experts; foreigners have registered more than 4,980 new enterprises (acting as legal persons); and in 2017 the city's net inflow of both domestic and international talent ranked first place nationwide.

In February 2018, Hangzhou issued opinions on how to accelerate the internationalization of local talent as well as policies for acquiring overseas talent, such as providing a maximum of RMB 100 million (USD 143,500) as subsidies for foreign talent who start their business in the city, further intensifying the process. It's worth noting that Hangzhou has realized the importance of universities and research institutes for attracting top talent. Besides universities like Zhejiang University, which consolidated its strength after merging with other institutions in 1998 and became one of China's top schools, and Westlake University, which aroused fierce debates after its establishment and hopes to become a pioneer in China's higher education system, Hangzhou plans to set up more influential universities and scientific research institutes at home and abroad

Ningbo: On the Fast Track for Talent

In terms of introducing universities, Ningbo shares Hangzhou's enthusiasm. It is expected that at least five universities will settle in Ningbo, including distinguished schools such as Zhejiang University, Beihang University, and the University of the Chinese Academy of Sciences (UCAS). The introduction of prestigious universities will not only bring concrete economic benefits to Ningbo but also expand its channels for introducing talent.

As Zhejiang's second-largest city, Ningbo is facing increasingly fierce regional competitions for talent. In the hope of being one of the top talent reservoirs among China's first-tier large cities, Ningbo issued four comprehensive talent policies within 10 months in 2017. In December 2017, it issued an announcement on using private capital to introduce high-end entrepreneurship teams, which it rated as the "most significant and striking" talent policy implemented by the city. It later announced the introduction of urgently needed high-level talent on the first work day of 2018, and subsequently issued the details about requirements for residence migration in order to attract talent and entrepreneurship teams, which included lowering the threshold for settling in Ningbo and providing grants for projects, allowances for purchasing houses, and subsidies for settling down. In September 2018, the city published what it calls the "1+X" measures for developing a "talent ecosystem," which would involve gathering top talent from expanding industries and forming a structure for "introducing, training, utilizing and retaining" them, while providing them with more support and more thorough guidance.

With an improved integration process, the Yangtze River Delta's economic dreams will definitely become a reality, as long the acquisition of talent keeps pace with urban development.

We welcome domestic and foreign scholars to contact us. We will provide you with free, one-on-one personal service, inform you about Yangtze River Delta region colleges and universities, and help you to learn about and apply for talent recruitment projects in this region. For assistance, please contact the personnel consultant at consultant@acabridge.edu.cn. For more details, please visit our website at www.edu.cn/jjcsj.



Located in the historically and culturally significant city of Nanjing, Southeast University (SEU) is one of the oldest institutions of higher learning in China. Its constant pursuit of the highest excellence has won it the accolades of "a sacred place of learning". Liuchao Juniper, the sacred and iconic tree on the flagship campus, weathered for over 1500 years, is a witness to its unremitting effort for perfection in the past 116 years.

The history of Southeast University can be traced back to 1902, when it was founded as Sanjiang Normal School. After that, it evolved successively into Liangjiang Normal School, Nanjing Higher Normal School, National Southeast University and National Central University, until it was renamed Southeast University in 1988. The motto -- striving for perfection--is interpreted as "self-perfection, care, perfection, preeminence". Upholding the motto, Southeast University has made substantial progress over the years, which fully embodies its pursuit of the highest excellence.

SEU is the place where the Science Society of China was established, thus the "birthplace of China's natural sciences". And it is at Mei'an-- the northwest corner of the campus-- that Xueheng Intellectual Group was founded, which was a milestone in the continuation of the Chinese traditional culture. SEU was the first co-educational university in China and the earliest adopter of the credit-based education system. It attracted a galaxy of elite returned scholars from overseas. Its tradition of excellence and pioneering work continue to echo down the decades.

As China's leading research-oriented university, SEU has developed China's first robot and is the first Chinese university that has set up robotics undergraduate program and molecular bioelectronics laboratory. She is the cradle of China's modern architecture, and the most important information science and industrial innovation powerhouse. She started China's art education, and has since occupied a dominant position in the research

SEU is one of the only three universities

in China that have persisted on undertaking Special Class for the Gifted Young, and one of the pilot universities with a series of reforms in the training mode aimed at developing top and innovative talents. It has fostered over 200 academicians of the Chinese Academy of Sciences and Chinese Academy of Engineering and nurtured over 330,000 outstanding graduates.

SEU was one of the few key universities that have been supported by the Chinese government's "211 Project", "985 Project" and now is one of the "Double First-class Initiative" universities, with 11 disciplines selected, ranking 8th among all Chinese universities. SEU offers 76 undergraduate programs and 33 first-level Ph.D. programs. Five disciplines, namely architecture, civil engineering, and transportation engineering, biomedical engineering, art theory rank No.1 in China; 11 disciplines including engineering, computer science, material science, mathematics, physics, chemistry, clinical medicine, biology and biochemistry, pharmacology and toxicology, neuroscience, behavioral sciences, social sciences are among ESI world top 1%, where engineering and computer science are among the top one thousandth.

SEU values the coordinated, integrated development of engineering, science, liberal arts and medical science. Powered by its 3 key state laboratories, 3 national engineering research centers, 2 national engineering technology research centers and other leading research platforms, SEU pushes for the world's scientific and technological frontiers and sticks to major national demands, committed to major strategic high-tech research, fundamental and applied basic research and cross-disciplinary integration. SEU continues to make the breakthroughs in the emerging. cutting-edge and interdisciplinary fields such as quantum information, artificial intelligence, cyber security, intelligent manufacturing, smart city, intelligent transportation, brain science and biomedical big data. SEU has been involved in and made major contributions to the projects such as Three Gorges Project of Yangtze River, Five-hundred-meter Aperture Spherical Radio Telescope construction, 5G mobile communication technology development, Antarctic scientific investigation, Manned Space Project, Highspeed Railway network, Hong Kong-Zhuhai-Macao Bridge in China.

Boasting internationalization, SEU is a university of significant global impact. Scholars from all over the world come here to engage in teaching, research and exchange programs. Top students from all countries are attracted to the university in pursuit of their dreams.

Passing on the century-old tradition, integrating into the world development, SEU established AMS (Alpha Magnetic Spectrometer) Experimental Center jointly with Nobel laureate Prof. Samul Ting and SEU Shing-Tung Yau Center with Prof. Shing-Tung Yau, and set up Architecture Internationalization Demonstration School. SEU also initiated and established the UK-China University Consortium on Engineering Education and Research (UKCCEER), aiming to promote and facilitate strategic engagement and bilateral cooperation in transnational joint programs on postgraduate higher education and engineering research between the UK Partners and the China Partners, in the areas of energy and intelligent manufacturing in support of both countries' manufacturing ambitions. SEU has also engaged in cooperation and exchange programs with more than 150 overseas universities and research institutions.

"Strive for Perfection" is our century-old motto and value. "Becoming a world-renowned university for the sciences and dedicating itself to the country with talents" is our school-running philosophy. Attracting and gathering the best teachers, cultivating the leading talents with a strong sense of national pride and global vision for the future and the benefit of mankind, innovating the best scientific and technological achievements, contributing wisdom and strength to the social development and human progress are not only SEU's spirit and soul, but also our timeless creed and pursuit.



ShanghaiTech University is a young and dynamic higher education institution aiming for high-quality research and global influence. To address challenges faced by China and the world, it seeks innovative solutions in energy, materials, environment, human health, data science, artificial intelligence (AI), and electrical engineering. An integral part of the Zhangjiang Comprehensive National Science Center, the university is now leading several frontier research projects at large-scale facilities. For more information, please visit: www.shanghaitech.edu.cn.

We are now seeking talented researchers for multiple faculty positions at all ranks in the following fields: **School of Physical Science** and Technology: energy, system materials, photon and condensed state, material biology, environmental science

and engineering School of Life Science and Technology: molecular and cell biology, structural biology, neuroscience, immunology, stem cells and regenerative medicine, system biology and biological data, molecular imaging, biomedical engineering **School of Information** Science and Technology: computer science, electrical engineering, information engineering, artificial intelligence,

network and communication,

virtual reality, statistics, big data and data mining School of Entrepreneurship and Management: economics, finance, accounting, management, marketing, strategy and entrepreneurship School of Creativity and Art: film production, life drawing, photography, VR and game coding, illustration & visualization, performing

Shanghai Institute for Advanced Immunochemical Studies: antibody therapy, Immunotherapy, cell therapy, regeneration medicine iHuman Institute: bio-imaging, biology, chemistry, computational biology, AI/ML **Institute of Mathematical** Sciences: pure mathematics, theory of computing, applied mathematics

Successful applicants will have a doctoral degree, and are expected to establish a record for independent, internationally recognized research, supervise students and teach high-quality courses.

ShanghaiTech University will offer attractive compensation packages, including: **Initial research support** package: reasonable startup funds, research associates and post-doctoral fellows, laboratory space to meet research needs

Compensation and benefits: highly competitive salary commensurate with experience and academic accomplishments, a comprehensive benefit package Subsidized housing: on-campus, 80/100/120 m² faculty apartments available at low rent for tenure and tenure-track faculty

Relocation & travel allowance: reimbursement of expenses for household relocation and family's onewav travel

Family assistance: support with children's education; affiliated kindergarten, primary and middle schools are under construction

To apply: using this format, please submit a cover letter (Firstname_Lastname_Cover_Letter.pdf), a research plan (Firstname_Lastname_ Research Plan.pdf), and a CV (Firstname_Lastname_ CV.pdf) to shanghaitechuniversity@gmail.com.





Shanghai University of Engineering Science Talents Recruitment 2018

I. About the University

Shanghai University of Engineering Science (SUES) is a fulltime regular institution of higher education with cross-disciplinary and coordinated study in Engineering Science, Economic Administration, and Art & Design. Located in the college town of Songjiang, Shanghai, the 250-acre university offers undergraduate programs in 75 academic and professional majors, postgraduate programs in 4 first-tier and 22 second-tier disciplines, as well as 3 professional degree programs, meanwhile, an international cultivation base is authorized to confer doctoral diplomas. Some 20,000 students take fulltime courses at the university (nearly 2,500 of them postgraduates), and 1,200 staff contribute to the

teaching profession.

As one of the pilot programs of the training of outstanding engineers, which are directed by the Ministry Of Education of People's Republic of China, disciplines and majors in Shanghai University of Engineering Science keep close to the modern industries in Shanghai, and have exhibited highly characteristic features.

With its continuing expansion in cooperation and exchange with international institutions, SUES has so far conducted cooperation and exchange on an extensive scale with several dozen universities in countries such as America, Britain, and France.

SUES now sincerely welcomes overseas talents who are interested in higher education to join us.

II. Job Profile:

- 1) Crew members for talents programs in Shanghai University of Engineering Science: Zhihong Scholars, Tengfei Program, Zhanchi Program.
- 2) Teaching and researching faculty
- 3) Outstanding fresh graduates with a doctorate.

III. Application Channels (Either works)

- 1) You can submit your application online through our Talents Recruitment System (http://zhaopin.sues.edu.cn).
- 2) Send your application materials and job objectives to us at jsk@sues.edu.cn.

IV. Contact Information

Address: 333 Longteng Road, Songjiang District, Shanghai Contact Person: Ms. Miao, Ms. Zhu Numbers: (+86) 021-67791252

V. Disciplines (Including but not limited to)

Science, Economics (Economics and Trade, Finance, etc.), Management Science (Business Administration, Management Science and Engineering, Logistics Management and Engineering, Industry Engineering, Tourism Administration, Public Administration, etc.), Literature (Journalism and Communication, Foreign Languages and Literatures, etc.), Art (Art, Design, etc.), Engineering (Mechanical Engineering, Power and Energy, Control Science and Engineering, Mechanical Engineering, Computer Sciences, Automation, Electrical/Electronic Engineering, Materials Science, Chemical and Pharmaceutical Engineering, Environmental Science and Engineering, Traffic and Transportation, Vehicle Engineering, Textile Engineering, Fashion Design and Engineering, Aeronautical Engineering, etc.)

Disciplines related to Mechanical Engineering are mainly recruited for the School of Automotive Engineering. The school now has 6 undergraduate departments, 1 first-tier postgraduate program in Mechanical Engineering, and 5 second-tier postgraduate programs. The teaching staff is rationally coordinated in age, knowledge, and disciplines. All members prove academic competence, 20 of them professors, 50 associate professors, 3 doctoral students' supervisors, and 99 lecturers with doctoral diplomas.

Over the past 3 years, the school has undertaken 163 scientific research projects, 30 of which are at the national level, 10 at the provincial level, 114 are industry-based. At present, 17 laboratories such as the Associate Center of Modern Equipment and Its Control Technologies have been established, covering an area of 3 acres, and many internship programs have been developed with more than 100 institutions. The school also lays emphasis on its openness to the outside world. A close relationship with 7 scientific research institutes such as University of Pennsylvania has been built, and in 2017, the school and University of Pennsylvania have reached an agreement on a "2+2" joint education program.

For actively promoting the construction plan of its first-class discipline of Mechanical Engineering, School of Automotive Engineering is now recruiting talents from all over the world.

I. Profile of JXUST

Founded in 1958, Jiangxi University of Science and Technology (hereinafter shorted as JXUST) is jointly-sponsored by the Ministry of Education, the Ministry of Industry and Information Technology and Jiangxi Provincial Government. As one of the top-ranking universities in Jiangxi Province, JXUST offers a full range of undergraduate majors, plus master's and Ph.D. programs. It serves as an important base for the education and research of non-ferrous metallurgy industry in China. With an outstanding faculty trained globally, it is making great strides toward its goal of building a nationally first-class institution of higher education and cutting-edge research with broad societal impacts.

II. A QUICK INTRODUCTION OF THE FORUM

For the first time in its history, JXUST will host a program for younger scholars, defined as those scholars with no more than ten years of tenure-track faculty experience. This includes graduate students as well as post-doctoral fellows, lecturers and visiting affiliates who have yet to secure a continuing faculty appointment.

In addition to serving as a platform for discussion and thought, the forum is designed to promote collaborative intellectual and research activity among researchers from different institutions and from a range of disciplines in science and engineering. This forum will offer young scholars the opportunity to present their work to their peers and to distinguished scholars from around the world.

III. ACADEMIC DISCIPLINES

Academic disciplines involved in this Forum are as follows: Mining Engineering, Metallurgical Engineering, Material Science and Engineering, Chemical Engineering, Environmental Engineering, Civil Engineering, Mechanical Engineering, Electrical Engineering, Control Engineering, Information Technology, Computer Science and Engineering, Intelligent Manufacturing. New Material, New Energy, Economics, Management, Finance, Mathematics, Physic, Chemistry etc.

IV. QUALIFICATIONS FOR APPLICANTS

Applicants for this forum, who shall be under the age of 40, are expected to have the wish of joining the faculty of JXUST.

In addition to having 2 years or more of postdoctoral research or work experience, applicants, who are expected to have a PhD degree in a relevant science and engineering field, must obey Chinese laws and have a proven track record of highquality peer-reviewed academic publications. They are also encouraged to apply for the four national talents programs ("1000 Talents Program for Young Professionals", "Young Top Talents of the National High-Level Talents Support Plan", "Young Chang Jiang Scholars Program" and "The National Science Fund for Distinguished Young Scholars"), sponsored by the Central Government of China through JXUST.

V.Expenses Refund

The board and lodging expenses of the participants during the forum will be covered by the host. In addition, JXUST will finance participants' travel subsidies, including round-trip international airfare (Economy class seat), and transportation expenses within Chinese territory.

The travel subsidy shall be no higher than RMB 15,000 per person for scholars from European and American area, no higher than RMB 7,000 per person for scholars from Asian-Pacific region and no higher than RMB 5,000 per person for scholars from China (including Hongkong, Macaw and Taiwan). In addition, JXUST will arrange free pick-up services in Ganzhou airport and railway station during the forum.

VI. SCHEDULE TIMELINE

- 1. Application Deadline: Dec. 10th, 2018.
- 2. Invitation Period: Sep. 25th Dec. 10th, 2018.
- 3. Registration Date: Dec. 26th, 2018.
- 4. Forum duration: Dec. 27th- 28th, 2018.

Forum venue and airport (railway station) pick-up arrangement will be specified in the invitation letter.

VII. SALARIES & BENEFITS

JXUST invites applications for tenure-track or tenured faculty positions at all ranks in all major science and engineering disciplines. Candidates with research interests in all related areas are encouraged to apply. There are extraordinary opportunities to develop major research and education programs with collaborations with other academic/industrial organizations nationwide and worldwide.

JXUST, in line with nationally first-class research universities, provides globally competitive compensation and benefit packages to the elite professionals.

$1. Successful\ applicants\ of\ the\ four\ above-mentioned\ national\ talents\ programs$

Candidates will be appointed to the faculty of JXUST at a level commensurate with each applicant's background and experience. JXUST offers a generous salary and startup package, including:

- (1) Position & Salary: the successful candidate will be appointed as Chair Professor, with an annual salary of RMB 600,000 to 800,000 Yuan.
- (2) Research Funding: a start-up fund of no less than RMB 3 million for science and engineering disciplines, and RMB 0.5 million for disciplines of humanities and social sciences (national and provincial level research funding excluded); platform construction funding will be considered by

evaluation on actual conditions and needs.

- (3) Housing Subsidy: an on-campus transitional housing with an area of approximate 100m2 and a housing subsidy of RMB 1.5 million (governmental award or subsidy excluded) provided in the period of employment.
- (4) Living subsidy for accompanying spouse: a job offer to the candidate's spouse based on his/her qualifications, or a monthly allowance of RMB 2,000 for a duration of 6 years.
- (5) Children's school admittance: the children of successful applicants are entitled to choose quality primary and secondary schools in line with local policies.
- (6) Other supporting benefits: In addition to sound scientific research conditions, JXUST will provide research assistants on the basis of the actual needs.

2. Overseas-educated PhD degree holders

For excellent PhDs with at least two-year overseas education background or with doctorate degree of prestigious overseas universities, the benefit packages include:

1)Successful candidate will be appointed as associate professor and is entitled to corresponding salary and benefits, or appointed in accordance with tenure track system (no less than RMB 250,000 per year);

2)a living allowance no less than RMB 250,000, and an on-campus transitional housing or a housing subsidy of no less than RMB 150,000 provided;

3)a start-up research funding of RMB 200,000 for scholars of science and engineering disciplines and RMB 100,000 for scholars of humanities and social sciences;

4)a Spouse's allowance of RMB 100,000 or a job offer based on a spouse's qualifications;

5) assistance in children's school enrolment; above benefits are negotiable for very outstanding applicants.

Above benefits are negotiable based on the qualifications of applicants. JXUST is committed to offer selected applicants with competitive salaries and benefits no lower than the standard of its kind in Jiangxi Province.

VIII. Application Procedures

Fill in the Application Form online

(Website: http://zpjob.acabridge.cn/frm/forum/join?f_id=17), or download the Application Form, fill in and send it to below E-mail address.

IX. CONTACT INFORMATION

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