TACKLING CHALLENGES THROUGH SCIENCE AND TECHNOLOGY

Newly established SHANGHAITECH UNIVERSITY offers a stimulating environment for pursuing studies and impactful research

Officially opened on September 30th 2013, ShanghaiTech University is a research university jointly established by the Shanghai Municipal Government and the Chinese Academy of Sciences (CAS). It is dedicated to be a research university of academic excellence and a dynamic people centered hub where innovative research, education, and community service combine to provide a multi-disciplinary approach to learning and to solving global challenges.

Located in Zhangjiang Hi-Tech Park, ShanghaiTech is close to various industries and venture companies. It is also near several large science facilities, including the Shanghai Synchrotron Radiation Facility, the National Center for Protein Science-Shanghai, the National Drug Screening Platform and the Shanghai Center for Microsatellites.

Focusing on science and technology, ShanghaiTech University consists of four schools — the School of Physical Science and Technology (SPST), the School of Information Science and Technology (SIST), the School of Life Science and Technology (SLST), the School of Entrepreneurship and Management (SEM) — and two research institutes — the Shanghai Institute for Advanced Immunochemical Studies (SIAIS) and the iHuman Institute. The School of Creative Arts is under planning.

Investing in people

The university is forming a top-tier faculty of 1,000 professors, including 500 distinguished professors-in-residence from CAS or other prestigious universities or institutes, three Nobel laureates, six National Academy of Sciences (USA) members, two Royal Society (UK) fellows, 26 CAS members and three Chinese Academy of Engineering members.

ShanghaiTech offers bachelor's, master's and doctoral degrees. It will eventually have 2,000 undergraduate students and 4,000 graduate students (including 3,000 doctoral students). The first cohort of 296 graduate students was admitted in September 2013, followed by first cohort of 207 undergraduate students from nine provinces in China in 2014. Currently there are 849 undergraduate students and 1272 graduate students on campus.

ShanghaiTech aims to nurture future leading scientists, inventors and entrepreneurs. It fosters students' moral integrity, academic capabilities and innovative spirit. Students are encouraged to investigate the challenges China faces, explore cutting-edge research areas and high-tech industries, and implement their innovative and entrepreneurial ideas.

Advancing research through collaboration

With an interdisciplinary approach and the integration of university and national research facilities, the university aims to form a complete innovation value chain, which will drive industrial development through scientific advances. It is playing a very important role in the Free Electron Laser Facility, the Live Cell Imagining Facility and the Ultra-Intense and Ultrashort Pulse Laser Facility initiated by the Zhangjiang National Science Center.

ShanghaiTech is actively engaged in the globalization of education. It has extensive collaborations with University of California, Berkeley, the University of Chicago, MIT, Yale University, Harvard University, and the University of Padova. To break down barriers between research and industry, ShanghaiTech collaborates closely with domestic and international high-tech companies in joint research and student training. ■

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