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BEIJING UNIVERSITY OF TECHNOLOGY

**PERSISTENT STRIVING
THE PRINCIPLE,
PURSUIT OF INNOVATION
THE PATH**

MESSAGE FROM UNIVERSITY LEADERSHIP

The Beijing University of Technology (BJUT) was established in the 1960s. Since its inception, BJUT has embraced the motto of Persistent Striving the Principle, Pursuit of Innovation the Path and the mission of Rooted in the Capital, Serving the Country with Technology. The university has positioned itself as a premier institution Rooted in Beijing, Serving Beijing, Inspiring China and Embracing the World, which have propelled BJUT to continuously enhance its educational excellence and global impact and pioneered the pathway of high-level university development with its own characteristics.

In 2016, the university was among the top 100 of the QS University Rankings for Asians. In 2017, BJUT joined the ranks of national universities with first-class disciplines. Subsequently, in 2020, the university secured the 32nd position in the QS Mainland China University Rankings. Moreover, BJUT advanced to the second round of the country's Double First-Class initiative in 2022. BJUT has nurtured a galaxy of talented graduates who contribute to the various facets of economic and social development, serves as an exemplary model showcasing the reform and development of higher education in Beijing.

BJUT remains guided by Xi Jinping's Thoughts on Socialism with Chinese Characteristics for a New Era. In line with the directives of the National and Municipal Education Conferences, BJUT strives to maintain its original purpose and mission. The university places a strong emphasis on the leadership by the Party, adheres to the development strategy of "intelligence, characteristics, and syncretic," and aims to cultivate innovative talents through leading, top-notch, and international talent cultivation systems. BJUT is dedicated to fostering high-level faculty, creating a vibrant ecosystem for innovative disciplines, and conducting impactful scientific research aligned with the strategic needs of the capital city. Additionally, BJUT remains committed to internal governance reform, with the ultimate goal of achieving the status of a world-class university by 2060, the 100th anniversary of its founding.

ABOUT BJUT

Founded in 1960, BJUT has been upholding the motto of 'Persistent Striving the Principle, Pursuit of Innovation the Path' and following the principle of 'Rooted in Beijing, Serving Beijing, Inspiring China and Embracing the World'. With pioneering and innovative efforts, BJUT has steadily increased its overall strength and international influence and built itself into a world-class university with distinctive characteristics of the capital city, and has become deeply integrated into the development of the country and the capital city in the new era.

HISTORY

1960

Beijing University of Technology (BJUT) was established.

1978

BJUT was honored for 22 scientific and technological achievements at the National Science Conference.

1996

BJUT was listed in the National "211 Project", as one of China's top 100 universities and colleges under key construction.

2008

BJUT hosted the badminton and rhythmic gymnastics competitions for the Beijing Olympic Games.

2017

BJUT was listed as one of China's universities in the First-Class Disciplines Construction Plan.

2020

On its 60th anniversary, BJUT became an internationally renowned, distinctive and high-level research university.

FIGURES

Faculty and Students

3326
faculty and staff members

2230
full-time academic faculty members

13222
undergraduate students

26099
students

11735
full-time graduate students

190000+
alumni

1 member of the Chinese Academy of Social Sciences

18 Experts with Outstanding Contributions on a National Level

9 Academicians from the Chinese Academy of Sciences and the Chinese Academy of Engineering

4 national-level "Teacher Awards for Colleges and Universities"

44 leading scientists, including those who have been granted the National Science Fund for Distinguished Young Scholars

34 outstanding scientists, including those who have received funds from the "Excellent Young Scientists Fund of the National Natural Science Foundation".

Disciplines

9	discipline categories: Engineering, Science, Economics, Management, Education, Art, Law, Literature, and Interdisciplinarity
1	discipline included in the national "Double First-class" initiative
3	national key disciplines
21	Beijing municipal key disciplines
18	Beijing municipal key disciplines under construction
70	undergraduate programs
33	first category Master's degree programs
22	first category Doctoral degree programs
19	Post-doctoral research stations
32	undergraduate programs have been approved by China's Ministry of Education (MOE) as first-class undergraduate program construction sites

Student Success

BJUT encourages students to actively participate in a wide range of scientific and technological competitions and innovation activities. Cultural festivals and technology festivals are organized every year, including cultural salons, lectures, performances, technological exhibitions, and academic reports.

BJUT students won the Award of Excellence of the 13th "Challenge Cup" National Business Plan Competition for College Students

BJUT students won two gold awards in the finals of the 7th China International "Internet+" College Students' Innovation and Entrepreneurship Competition

BJUT Students' Art Troupe

BJUT students Liu Yuchen and Li Junhui won the men's doubles championship in the World Badminton Championships

Scientific Research

- 1.202 billion RMB of Scientific Research Funding in 2023 (MOE statistics)
- 172 projects approved by the National Natural Science Foundation in 2023
- 38 National Science and Technology Awards were earned by BJUT from 2006 to 2023

2	national engineering laboratories
1	national industry -university-research center
1	key laboratory cultivation base jointly established with the Ministry of Science and Technology
1	international cooperation center
3	MOE engineering research centers
5	MOE key laboratories

National Engineering Laboratory for Advanced Municipal Wastewater Treatment and Reuse Technology

National Engineering Laboratory for Industrial Big-data Application Technology

Global Network

39

Countries and Regions

200+

Global Partners

Of the partner institutions, nearly 40 percent are from the world's top 500 universities and about 10 percent are from the world's top 100 universities.

10 disciplines were listed among the Top 500 of the QS World University Rankings by Subject, these being:

**Civil Engineering,
Computer Science and Information Systems,
Electrical and Electronic Engineering,
Mechanical Engineering, Chemistry,
Environmental Science,
Materials Science, Mathematics,
Physics and Astronomy,
and Engineering Technology.**

11 disciplines were ranked in the Top 1% of the ESI global disciplines ranking:

**Engineering, Materials Science,
Chemistry, Environment and Ecology,
Computer Science,
Biology and Biochemistry,
General Social Sciences, Physics,
Earth Science, Clinical Medicine and
Mathematics, among which Engineering
ranked in the Top 1‰.**

Her Excellency Ann Derwin, Irish Ambassador to China, visited BJUT and attended the Beijing-Dublin International College Opening Ceremony

Delegation headed by Maria Wejs-Domzalska, First Counselor of the Polish Embassy in China, visited BJUT

Fully utilizing its quality educational advantages and experience, BJUT has been committed to transforming the Beijing-Dublin International College into an exemplary Sino-foreign cooperative education institution. The College has gained extensive recognition from all areas of society and has become a platform for exchanges and cooperation between China and Ireland, Beijing and Dublin, BJUT and University College Dublin (UCD).

BJUT has actively responded to the Belt and Road Initiative and the mechanism for cooperation between China and Central and Eastern European countries. It has expanded channels of exchange and cooperation with universities, colleges and research organizations in Belt and Road countries. Under the Belt and Road Initiative, twenty-seven universities and colleges from China and Poland have established the Sino-Polish University Consortium at BJUT.

The 5th Global Grand Challenges Summit Held at BJUT

BJUT encourages international scientific research cooperation and has over ten provincial and ministerial-level international science and technology cooperation bases, including those for 'Carbon-based Nanomaterials' and 'Brain Informatics and Intelligence Services'. BJUT faculty members are actively involved in high-quality international scientific research collaboration, including high-level cooperative research with foreign academic partners, and attendance at international academic conferences.

Irish Environment, Climate, Communication, and Transport Minister Eamon Ryan, and Irish Ambassador to China Ann Derwin visited BJUT

With a continuous focus on cutting-edge issues in environmental science, BJUT practices the concept of green and sustainable development, and is committed to contributing its wisdom to the realization of 'carbon peaking' and 'carbon neutrality', serving the construction of the nation and the capital city and to building a community based on a shared future for mankind.

In previous years, BJUT has cultivated nearly 5,000 international students from 102 countries.

STRATEGIC GOALS

2020

Since 2020, BJUT has grown into an internationally renowned, distinctive and high-level research university and has played an important role in the economic and social development of China and the capital city.

2030

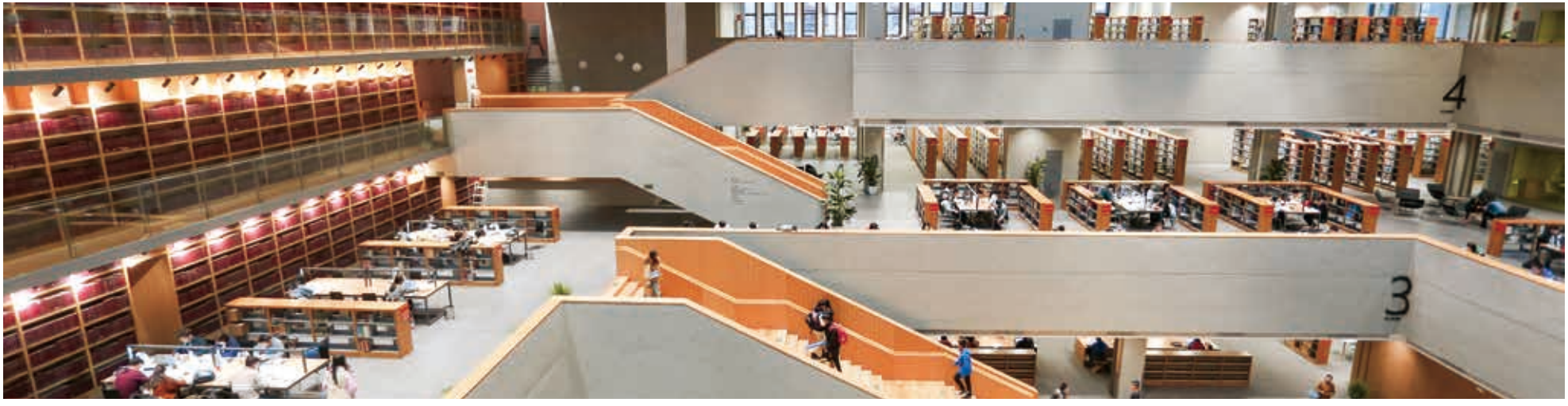
By 2030, BJUT will have a world-class university's framework in place, with a number of its disciplines leading in both China and the world, considerably improving BJUT's position and comprehensive strengths.

2060

By 2060, BJUT will have evolved into a world-class high-level research university with distinct characteristics as well as having substantial global influence.

LIST OF DISCIPLINES

State-level key disciplines		Optical Engineering (Level I), Materials Science, Structural Engineering
First-class disciplines group: Modern Urban Construction and Environmental Engineering		Civil Engineering (Leading Discipline), Environmental Science and Engineering (Core Discipline), Transportation Engineering (Core Discipline), Advanced Materials and Next-Generation Information Technology (Supporting Discipline)
High-end, precision and cutting-edge disciplines at Beijing universities		Materials Science and Engineering, Control Science and Engineering, Mechanical Engineering, Optical Engineering
Doctoral degree programs	Doctoral program for first-level discipline (22)	Applied Economics, Mathematics, Physics, Statistics, Mechanics, Mechanical Engineering, Optical Engineering, Materials Science and Engineering, Power Engineering and Engineering Thermophysics, Electronic Science and Technology, Control Science and Engineering, Computer Science and Technology, Civil Engineering, Chemical Engineering and Technology, Transportation Engineering, Environmental Science and Engineering, Biomedical Engineering, Software Engineering, Management Science and Engineering, Urban Planning, Chemistry, Sociology
Master's degree programs	Master's degree programs for first-level discipline (33)	Applied Economics, Sociology, Marxist Theory, Pedagogy, Foreign Languages and Literature, Mathematics, Physics, Biology, Chemistry, Statistics, Mechanics, Mechanical Engineering, Optical Engineering, Instrument Science and Technology, Materials Science and Engineering, Power Engineering and Engineering Thermophysics, Electronic Science and Technology, Information and Communication Engineering, Control Science and Engineering, Computer Science and Technology, Architecture, Civil Engineering, Water Conservancy Engineering, Chemical Engineering and Technology, Transportation Engineering, Environmental Science and Engineering, Biomedical Engineering, Urban and Rural Planning, Software Engineering, Cyberspace Security, Management Science and Engineering, Business Administration, Design
Postdoctoral programs (19)		Mathematics, Physics, Mechanics, Mechanical Engineering, Optical Engineering, Materials Science and Engineering, Power Engineering and Engineering Thermophysics, Electronic Science and Technology, Control Science and Engineering, Computer Science and Technology, Civil Engineering, Transportation Engineering, Environmental Science and Engineering, Biomedical Engineering, Management Science and Engineering, Statistics, Software Engineering, Chemical Engineering and Technology, Applied Economics



LIST OF UNDERGRADUATE PROGRAMS

College of Mechanical & Energy Engineering	▪ Mechanical Engineering ▪ Intelligent Manufacturing Engineering ▪ Energy and Power Engineering ▪ New Energy Science and Engineering
College of Materials Science and Engineering	▪ Resource Recycling Science & Engineering ▪ Nano Materials and Technology ▪ Materials Science and Engineering ▪ Welding Technology and Engineering ▪ Applied Chemistry ▪ New Energy Materials and Devices
School of Information Science and Technology	▪ Electronic Science and Technology ▪ Electronic Information Engineering ▪ Automation ▪ Communication Engineering ▪ Robotic Engineering ▪ Artificial Intelligence ▪ Measuring and Control Technology and Instruments
School of Computer Science	▪ Information Security ▪ Software Engineering ▪ Computer Science and Technology ▪ Internet of Things Engineering ▪ Digital Media Technology
College of Architecture and Civil Engineering	▪ Civil Engineering ▪ Water Supply & Drainage ▪ Building Environment and Energy Application Engineering ▪ Intelligent Construction
College of Architecture and Urban Planning	▪ Architecture ▪ Urban Planning
College of Metropolitan Transportation	▪ Traffic Engineering ▪ Traffic Equipment and Control Engineering
College of Environmental Science and Engineering	▪ Environmental Engineering ▪ Environmental Science
College of Chemistry and Life Science	▪ Chemical Biology ▪ Biomedical Engineering ▪ Biotechnology
School of Physics and Optoelectronic Engineering	▪ Applied Physics ▪ Opto-electronic Information Science and Engineering
College of Mathematics, Statistics and Mechanics	▪ Mathematics and Applied Mathematics ▪ Information and Computing Science ▪ Statistics
School of Sociology	▪ Sociology ▪ Social Work
College of Foreign Languages	▪ English
College of Economics & Management	▪ International Business and Trade ▪ Economic Statistics ▪ Accounting ▪ Finance ▪ Business Administration ▪ Information Management and System ▪ Big Data Management and Application ▪ Laws
College of Art and Design	▪ Visual Communication ▪ Environmental Art ▪ Product Design ▪ Arts and Crafts ▪ Digital Media ▪ Painting ▪ Sculpture ▪ Industrial Design
Beijing-Dublin International College at BJUT	▪ Software Engineering ▪ Internet of Things Engineering ▪ Electronic & Information Engineering ▪ Financial Economics