BEIJING UNIVERSITY OF TECHNOLOGY

Persistent Striving the Principle,
Pursuit of Innovation the Path

LEADERSHIP

Jiang Zeting

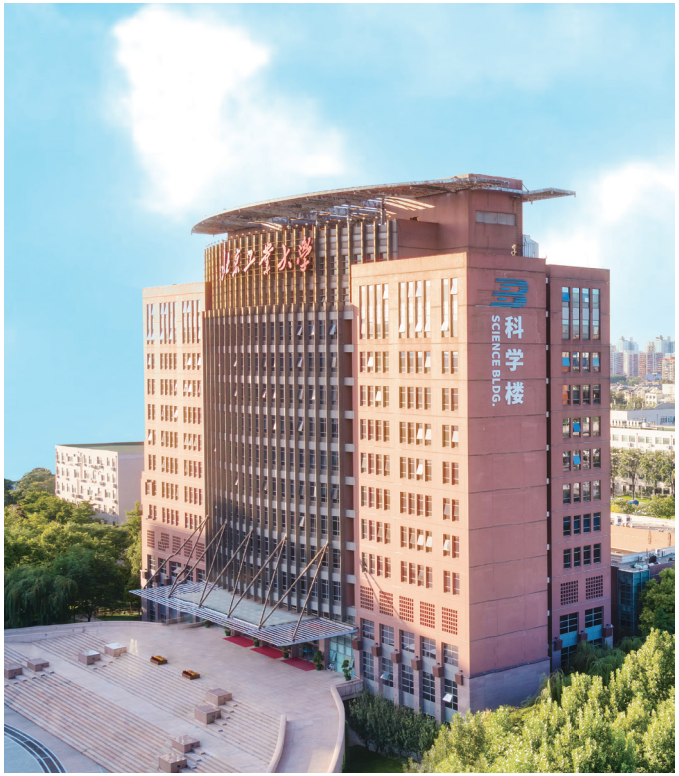
Secretary of CPC BJUT Committee

Nie Zuoren

President of BJUT

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. It 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 the 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

3369 faculty and staff members

2219 full-time academic faculty members

13216 undergraduate students

26083 students

10252 full-time graduate students

180000+ alumni

1 member of the Chinese Academy of Sciences

1 member of the Chinese Academy of Social Sciences

9 members of the Chinese Academy of Engineering

3 national-level "Distinguished Faculty in Higher Education"

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

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

Disciplines

8	discipline categories: engineering, science, economics, management, education, art, law, and literature
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
72	undergraduate programs
33	first category Master's degree programs
20	first category Doctoral degree programs
18	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 champion of the World Badminton Championships

Scientific Research

- 1.064 billion RMB of Scientific Research Funding in 2022 (MOE statistics)
- 194 projects approved by the National Natural Science Foundation in 2022
- 37 National Science and Technology Awards were earned by BJUT from 2006 to 2022

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

35

Countries and Regions

204

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.

8 disciplines were listed among the Top 500 of the QS World University Rankings by Subject:

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

7 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, and General Social Sciences, among which Engineering ranked Top 1‰

Her Excellency Ann Derwin, Irish Ambassador to China, visited BJUT and attended the 2022 Beijing-Dublin International College Opening Ceremony

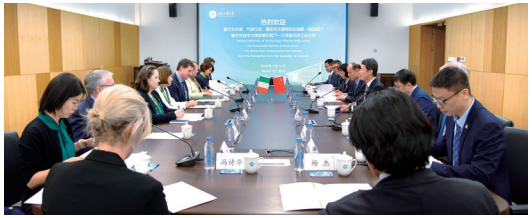
Delegation headed by Maria Wejs-Domzalska, First Counselor of the Polish Embassy in China, visited BJUT

Fully utilizing its quality education advantages and experience, BJUT has 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 extended 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.

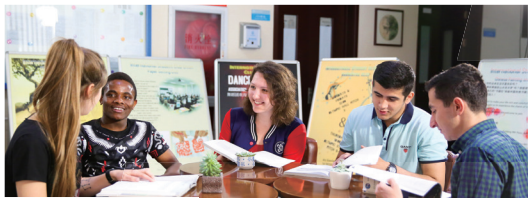
"Linking Belt and Road, Bonding Tech and Heart" International Academic Conferences

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 of shared future for mankind.



In previous years, BJUT has trained nearly 5,000 international students from 102 countries. The quality of this training has been continuously improved, and as a result, BJUT's outlook has become more international.

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 traits as well as substantial global influence.

LIST OF DISCIPLINES

State-level key disciplines		Optical Engineering (Level I), Materials Science, Structural Engineering
Beijing municipality-level key disciplines	Beijing-municipality-level interdisciplinary disciplines (3)	Resources, Environment and Circular Economy, Information Security, Nano Science and Technology
	Beijing-municipality-level first-level disciplines (8)	Materials Science and Engineering, Management Science and Engineering, Biomedical Engineering, Mechanical Engineering, Civil Engineering, Environmental Science and Engineering, Computer Science and Technology, Transportation Engineering
	Beijing-municipality-level secondary disciplines (10)	Mechanical Manufacturing and Automation, Mechanical Design and Theory, Microelectronics and Solid State Electronics, Disaster Prevention and Reduction Engineering and Protection Engineering, Transportation Planning and Management, Thermal Energy Engineering, Environmental Engineering, Condensed Matter Physics, Computer Application Technology, Optics
	Beijing-municipality-level prioritized first-level disciplines (2)	Instrument Science and Technology, Chemical Engineering and Technology
	Beijing-municipality-level prioritized secondary disciplines (16)	Engineering Mechanics, Mechanical and Electronic Engineering, Circuits and Systems, Signal and Information Processing, Sociology, Detection Technology and Automation Devices, Pattern Recognition and Intelligent Systems, Road and Railway Engineering, Municipal Engineering, Probability Theory and Mathematical Statistics, Applied Mathematics, Computer Software and Theory, International Trade, Quantitative Economics, Architectural Design and Theory, Higher Education
Doctoral degree programs	Doctoral program for first-level discipline (20)	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
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 (18)		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

LIST OF UNDERGRADUATE PROGRAMS

Faculty of Materials and Manufacturing	▪ Mechanical Engineering ▪ Measuring & Control Technology and Instruments ▪ Intelligent Manufacturing Engineering ▪ Materials Science & Engineering ▪ Resource Recycling Science & Engineering ▪ Nanomaterials & Technology ▪ Welding Technology and Engineering
Faculty of Information Technology	▪ Electronic Science & Technology ▪ Micro-electronics Science and Engineering ▪ Automation ▪ Electronic Information Engineering ▪ Communication Engineering ▪ Computer Science & Technology ▪ Information Security ▪ The Internet of Things Engineering ▪ Software Engineering ▪ Digital Media Technology ▪ Robot Engineering ▪ Artificial Intelligence
Faculty of Architecture, Civil and Transportation Engineering	▪ Civil Engineering ▪ Intelligent Construction ▪ Building Environment & Energy Application Engineering ▪ Water Supply & Drainage ▪ Architecture ▪ Urban and Rural Planning ▪ Landscape Architecture ▪ Traffic Engineering ▪ Transportation Equipment and Control Engineering
Faculty of Environment and Life	▪ Environmental Engineering ▪ Environmental Science ▪ Applied Chemistry ▪ Energy & Power Engineering ▪ New Energy Science & Engineering ▪ Biomedical Engineering ▪ Chemical Biology ▪ Biotechnology
Faculty of Science	▪ Applied Physics ▪ Information & Computing Science ▪ Mathematics and Applied Mathematics ▪ Statistics
College of Economics and Management	▪ Information Management & Information System ▪ International Economy & Trade ▪ Business Administration ▪ Big Data Management and Application ▪ Accounting ▪ Economic Statistics ▪ Finance
Faculty of Humanities and Social Sciences	▪ Law ▪ Social Work ▪ Sociology ▪ English Language
College of Art and Design	▪ Visual Communication Design ▪ Environmental Design ▪ Product Design ▪ Fashion Design ▪ Arts and Crafts ▪ Painting ▪ Sculpture ▪ Digital Media Art ▪ Industrial Design
College of International Education	▪ Teaching Chinese to Speakers of Other Languages
Beijing-Dublin International College at BJUT	▪ Software Engineering ▪ The Internet of Things Engineering ▪ Electronic & Information Engineering ▪ Financial Economics

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