A recognized university

No. 1 National University

- 2022 Times Higher Education (THE) University Impact Rankings (ranked No. 13 in the world, No. 1 in Korea)
- 2022 National Customer Satisfaction Index (NCSI)
- 2022 QS World University Rankings
- 2022 THE World University Rankings
- 2022 QS Asian University Rankings
- 2022 Best Global Universities Rankings by U.S. News and World Report
- 2022 Academic Ranking of World Universities by Shanghai Ranking Consultancy
- 2022 Center for World University Rankings (CWUR)

Attracting Major Central/Local Government-Funded Projects

- Regional Innovation Strategy (RIS): KRW 331.6 billion
- Leaders in Industry-University Cooperation (LINC 3.0): KRW 33 billion
- Phase 4 BK21 Graduate School Innovation Project: KRW 28.6 billion
- Regional Leading University Development Project: KRW 10.6 billion
- National University Development Project: KRW 51.3 billion
- University Innovation Support Project: KRW 32.9 billion
- Leading Research Center Project: KRW 23 billion

Ranked in the Top 10 for Corporate Preference and University Attended by CEOs

- University Brand Reputation (2022): 8th
- Attended by CEOs of Top 100 Companies (2020): 7th
- JoongAng Ilbo University Ranking — preferred by corporate HR managers (2020): 12th
A university that nurtures creative convergence talents

Intensive Fostering of Convergence Research and Education

Research
AI, Biomedical Convergence, Robot and Smart Systems, Hydrogen & Renewable Energy, Data Convergence Computing, Agro-Bio Convergence, Humanities Counseling, East Sea Rim Convergence, Small-Scale Convergence Research Center

Education
North Korean Agricultural Development, Northern Asian Culture & Trade, Business Administration, Psychology, Food Science and Nutrition, Computer Science

Government-funded KRW 860 million

Building a Platform for Universities to Share Technological Innovation

- Building a technological innovation network for metropolitan universities and a platform for mutual cooperation
- Participated by 4 universities — Kyungpook National University, Pusan National University, Chonnam National University, and Hanyang University
- Sharing university-centered technology infrastructure and promoting joint ventures

Operating the Department of Convergence in the ITA Field

- Bachelor’s/Master’s combined course (5 years)
- Biomedical Convergence Engineering, Robot and Smart System Engineering, Hydrogen & Renewable Energy
- Eligible for students who are in their second year or higher

Operating Data Science Graduate School

- Linking various domains of disciplines with AI and big data
- Fostering expertise in data analysis and utilization through convergence education
- Operating LG Innotek Data Science Industry-University Cooperation Research Center

Student Comprehensive Support Center

- Academic consulting for freshman
- Programs for preventing student dropout
- Visiting academic counseling and presentation
- Academic adaptation programs for international students
- Adaptation programs for transfer students
- On-campus student support programs

5-Stage Action Plan for Improving Employment Rate

- Employment consulting P/R
  Career coaching, counseling, resume clinic, mock job interview, special lectures on employment

Systematization of Psychological and Career Counseling

Freshman
Systematic examination and counseling for freshman
- Job aptitude test
- Personality test and psychological support group selected and supported

Undergraduates
SMART system of advisor counseling
- Career and Employment Division of the Office of Student Affairs
- Survey of employment awareness
- Career counseling by majors
- Promotion committee for employment and entrepreneurship
- Departments and Project Groups
- Student Counseling Center
- Personal psychological counseling
- Group counseling
- Psychological counseling in connection with local institutions

Graduates

- Promoting smooth advance into society
- Promoting human maturity

※ 10 professional counselors in place
A university that fulfills your dream for a quality job or starting a company

**Employment Fields of 2020 Graduates**
- **KNU** vs. **Other universities**
  - Public institutions: KNU 15.6%, Other universities 6.0%
  - Conglomerates: KNU 17.6%, Other universities 9.2%
  - Central and local governments: KNU 20.0%, Other universities 11.7%

(Source: Korean Educational Development Institute, 2021)

**Expansion of Local Talent Recruitment**
- Employed by public institutions in Daegu and the ones relocated to innovation cities in Gyeongsangbuk-do Province
  - 74 in 2018 • 77 in 2019 • 57 in 2020
- Expansion of employment for public institutions and as civil servants
  - Ratio of compulsory recruitment of public institutions that have relocated risen to **30%**
  - Public institutions’ preferential system to hire talents from the non-metropolitan areas
  - A target system of local talent recruitment for civil servants

**Employment in Public Institutions and Conglomerates**
- Last two years 2019–2020
- Central and local governments: 723
- Public institutions and enterprises: 851
- Conglomerates: 930

**Business Incubators**
- Support for start-up planning, marketing, and mentoring
- Start Hub Center (1F, Global Plaza)
- Start Square (1F, Global Plaza)
- Start Village (Residence Hall D)

**Passing National Exams**
- 2022 national nursing exam passage rate: **100%** (4 consecutive years)
- 2022 national veterinary exam passage rate: **98.5%**
- No. of alumni who passed the civil service exams for grade 5 public officials for the last 10 years: **38** (2013-2022)
- A top-ranker in the 2019 Civil Service Examination the Higher Civil Service Examination
- 2019 & 2022 national dental exam passage rate: **100%**
- 3 prosecutors, 12 judicial researchers, 4 career judges, 1 career judicial researcher (2022)

**Bachelor System for Entrepreneurship Education**
- Leave of absence for starting a business
- Credit replacement for starting a business
- Total
- 2019: 8 • 2020: 16 • 2021: 17 • 2022: 22

(Unit: persons)
A university performing world-class research

World-Class Research Capabilities of Professors

One of the world’s most influential top 1% researchers
Professor Sung Hwa Jhung
Selected as the HCR* in 2022
5 consecutive years

*HCR: Highly Cited Researchers, which are selected by Clarivate Analytics, an academic information service company

Published Paper Performance per

- Highest number of SCI-level papers per full-time faculty among Korea’s national universities (2022)
  - KNU: Per person 0.724
  - University A: 0.657
  - University B: 0.668
  - University C: 0.620
  - University D: 0.630

- Highest number of international papers per full-time faculty among Korea’s national universities (2022)
  - KNU: Per person 0.732
  - University A: 0.632
  - University B: 0.632
  - University C: 0.590
  - University D: 0.590

* Based on 2022 information disclosure

Increase in Transfer of Professors’ Patent/Technology

Technology transfer
1.4 KRW (2018) → 3.2 billion KRW (2022)

Patent application/registration
775 cases (2018) → 901 cases (2022)

Excellence in Academic Research by Professors

IF high rank
(Unit: cases)

Within 1%
- 2016: 11
- 2018: 18
- 2020: 14
- 2021: 23

Within 5%
- 2016: 103
- 2018: 111
- 2020: 128
- 2021: 360

Within 10%
- 2016: 183
- 2018: 238
- 2020: 287

Securing the Fixed Number of Full-Time Faculty

(Unit: persons)

- 2017: 1,175
- 2018: 1,177
- 2019: 1,193
- 2020: 1,209
- 2021: 1,227
- 2022: 1,237
# A government-funded university

## Campus Innovation Park Project of KNU Approved by the Government

(Notice of the Ministry of Land, Infrastructure and Transport)

- Project period: from 2022 to when the project is completed
- Total project expense: KRW 50.4 billion
- Complexation of corporate occupancy, start-up support, and residential and cultural facilities

## Secured KRW 73.3 billion from the Government for New Facility Projects

- College of Pharmacy New Drug Development Center: KRW 31 billion
- Renovation of the Future Convergence Talent Training Center: KRW 423 billion

## BrainKorea21 Four (BK21) 2020.9.~2027.8.

- Human resource development projects (KRW 147.8 billion): 21 educational research centers (teams) for fostering future talents and 7 research centers for fostering innovative talents
- Supporting research scholarships to participating graduate students (approx. 870 students per semester; around KRW 5.2 billion)
- Participants: 450 professors / 60 new researchers / 1,300 graduate students
- Selected as an excellent university for 2 consecutive years in graduate school innovation (KRW 28.6 billion); increased in project expenses (the 3rd year of the project expense increase + KRW 200 million)

## Receiving Orders of Large-Scale R&D Projects

(Unit: KRW 100 million)

<table>
<thead>
<tr>
<th>Project Area</th>
<th>Funding (KRW 100 million)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering Research Center (ERC)</td>
<td>244</td>
</tr>
<tr>
<td>Humanities Plus</td>
<td>88</td>
</tr>
<tr>
<td>Source technology development of SW convergence industry</td>
<td>142</td>
</tr>
<tr>
<td>Agricultural Research Center (ARC)</td>
<td>150</td>
</tr>
<tr>
<td>Medical Research Center (MRC)</td>
<td>180</td>
</tr>
<tr>
<td>Support for specialized research labs</td>
<td>16</td>
</tr>
<tr>
<td>Smart Venture Campus</td>
<td>33</td>
</tr>
<tr>
<td>Development of disaster safety technology</td>
<td>634</td>
</tr>
<tr>
<td>Development of bio-source convergence technology</td>
<td>50</td>
</tr>
<tr>
<td>Agricultural Biotechnology Research Center</td>
<td>235</td>
</tr>
<tr>
<td>Support for key research centers</td>
<td>229</td>
</tr>
<tr>
<td>Entrepreneurship Leading University</td>
<td>24</td>
</tr>
<tr>
<td>HuStar Project for Fostering Daejeon Gyeongbuk Innovation Talents</td>
<td>144</td>
</tr>
<tr>
<td>Cutting-edge CT demonstration project in connection with the region</td>
<td>100</td>
</tr>
<tr>
<td>Project for nurturing and supporting university ICT research centers</td>
<td>51</td>
</tr>
<tr>
<td>Beyond Research Innovation &amp; Development for Good Enterprise (BRIDGE)</td>
<td>30</td>
</tr>
<tr>
<td>Project for developing and supporting local industry-linked university open-labs</td>
<td>18</td>
</tr>
<tr>
<td>Project for supporting intellectual property profit reinvestment</td>
<td>7</td>
</tr>
<tr>
<td>Project for supporting the R&amp;D of technology-holding company and subsidiaries</td>
<td>29</td>
</tr>
<tr>
<td>Project for fostering universities leading industry-academy research cooperation</td>
<td>330</td>
</tr>
<tr>
<td>Project for fostering innovative talents for regional intelligence</td>
<td>180</td>
</tr>
</tbody>
</table>

## Projects Funded by National Support With Highest Level Among the National Universities

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Funding (KRW 100 million)</th>
</tr>
</thead>
<tbody>
<tr>
<td>University for Creative Korea (CK) 2014~2018</td>
<td>3</td>
</tr>
<tr>
<td>Initiative for College of Humanities Research and Education (CORE) 2016~2018</td>
<td>86</td>
</tr>
<tr>
<td>Program for Industrial Needs — Matched Education (PRIME) 2016~2018</td>
<td>124</td>
</tr>
<tr>
<td>Software-Centered University Support Project 2015~2026</td>
<td>216</td>
</tr>
<tr>
<td>Regional Leading University Development Project 2014~2023</td>
<td>107</td>
</tr>
<tr>
<td>National University Development Project 2018~2022</td>
<td>514</td>
</tr>
<tr>
<td>University Innovation Support Project 2019~2022</td>
<td>329</td>
</tr>
<tr>
<td>BrainKorea21 Four (BK21) 2020~2027</td>
<td>1,764</td>
</tr>
</tbody>
</table>

Total project expense: KRW 314.3 billion

Total 21 projects: KRW 291.4 billion
Student-centered University

Scholarship rewarded 63.8% in 2021, KRW 75.6 billion paid

- Scholarships
  - On-campus: KRW 22.5 billion
  - Off-campus: KRW 53.1 billion
- 33,284 students (63.8%)

Increased Capacity of the Residence Hall

- Construction of BTL Residence Hall
  - (Unit: persons)
  - 2017: 5,902
  - 2018: 5,902
  - 2019: 6,988
  - 2023: 7,988

Training programs at Prestigious Overseas Universities Such as Yale in the United States

- All expenses supported by KNU (including tuition)
- 45 students dispatched in 2022

Healthy and Safe Campus Life

- Operating the only clinic-level health care center as a national university
  - 10 types of vaccinations and 4 types of tests available
- Expansion of student medical insurance union
  - 2 free health checkups and vaccination support while enrolled in school
- Central Safety Management Headquarters
  - In order to implement a safe educational environment, the Headquarters plans, guides, and inspects university safety management.

Nurturing Next-Generation Global Talents

- Student exchange with overseas universities (2018-2022)
  - Double degree: 154
  - Exchange student: 1,465
  - Intensive course: 918

- Current status of agreements with overseas universities
  - Americas: 82
  - Asia-Pacific: 291
  - Europe: 167
  - Middle East and Africa: 17

Strong and Comfortable Facilities and Environments

- Carbon Zero Campus
  - Photovoltaic and fuel cell power generation facilities (KRW 28 billion)
  - EV charging facilities (76 slow-speed, 2 rapid-speed)
  - Replacing outdated air-conditioning facilities, transformers, windows, etc. (KRW 9.6 billion)
  - Replacing asbestos finishes (KRW 5 billion)
  - Elevators for persons with disabilities (KRW 2.8 billion)
  - Improving pedestrian environment on campus (KRW 1.7 billion)

Global Volunteering and Cultural Experiences

- Global volunteering: During vacation; credit acquisition in local universities
- Global challenge: Recruitment in every March; being dispatched during summer vacation
- Korean land field trip: Dokdo and Ulleungdo ecological trip

Establishment of KNUPIA, a Student Integrated App

- Used by 85% of enrolled students
- Equipped with mobile student ID
- Equipped with e-voting function
- QR code for using campus facilities
- Information on campus
- Equipped with coupon issuance

Establishing KNU CUBE, an Integrated Management System for Extracurricular Programs

- Providing customized services for each student by establishing an integrated system for around 1,000 extracurricular programs
- Extracurricular program management, counseling management, monitoring
- Student career exploration, capacity development, employment support, counseling, portfolio utilization
University together with the local community

Community contribution center
- KNU Living Lab to solve local issues
- Professional staff including center head, manager, and team leader
- KRW 200 million invested in 2022
- Demand survey to solve community issues
- ESG forums and social forums
- Establishing local networks between institutions and companies and hosting ESG Social Contribution Partners Day
- Hosting ESG-related cultural and artistic programs

Program With Local Residents
- KNU New Year’s Concert (annual event)
- University experience by inviting local high school students (400 students/year)
- Small concert for local residents (occasionally)
- Guest lectures of good writers (occasionally)

Hustar Programs for Innovative Universities
- Nurturing talents who will innovate new industries (robots, ICT) for the future of the region
- Fostering human resources through collaboration between universities, local governments, and participating companies
- Robotics: Education on mechanical, electronic, AI, and software
  - Fostering industry-participating convergence talents
- ICT: Education on data, network, and AI
  - Fostering local industry contact professionals

Volunteering and Mentoring Programs
(From 2020: as of August 31, 2021: Unit: person)

<table>
<thead>
<tr>
<th>Program</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multicultural mentoring</td>
<td>69</td>
<td>79</td>
</tr>
<tr>
<td>Youth education support</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Skills-based volunteering</td>
<td>148</td>
<td></td>
</tr>
<tr>
<td>H-JUMP mentoring</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Samsung Dream Class</td>
<td>34</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td>148</td>
<td>60</td>
</tr>
</tbody>
</table>

Total budget for 2022: KRW 1.8 billion

Volunteering and Mentoring Programs
A total of 236 trainees in 2022 (monthly)

Love (Briquettes) Sharing Continuous Volunteer Activities

<table>
<thead>
<tr>
<th>Year</th>
<th>No. of briquettes (Unit: piece)</th>
<th>No. of households receiving briquettes (Unit: households)</th>
<th>No. of volunteers (Unit: persons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021</td>
<td>12,500</td>
<td>45</td>
<td>60</td>
</tr>
<tr>
<td>2022</td>
<td>11,700</td>
<td>39</td>
<td>76</td>
</tr>
</tbody>
</table>

High-Quality Lifelong Education Curriculum
- Government-university course: A total of 29 projects with 4 local governments
  - Daegu: 6
  - Buk-gu Office: 6
  - Goryeong-gun: 7
  - Gunwi-gun: 10
- University course: 98 courses
  - Self-development: 8
  - Languages: 1
  - Health: 4
  - Investment: 12
  - Art: 33
  - Certification, etc.: 40

Satisfaction: 99%