66% Received a Scholarship in 2022 of About KRW 81.1 Billion

- Scholarship recipients: 34,147 (66%)
  - KRW 22 billion on-campus
  - KRW 59.1 billion off-campus

Improvement of the Dormitory Environment

- Newly constructed BTL dormitory (unit: people)
  - 2018: 5,840
  - 2019: 5,717
  - 2023: 6,502
  - 2024: 6,866

Training at Prestigious Overseas Universities, Including Yale University, US

- All expenses supported by KNU (including tuition)
- 161 students dispatched from 2019 to 2023

Healthy and Safe Campus Life

- Operates the only clinic-level health clinic as a national university
  - Provide 10 types of vaccinations, 4 types of tests
- Expand Student Medical Mutual Aid Association
  - Support for 2 free health check-ups and vaccinations while enrolled in school
- Operate Safety Management Headquarters

Nurture Next-Generation Global Talent

- Status of student exchange with overseas universities (2019–2023)
  - A total of 2,319 students exchanged with overseas universities
  - Concluded a total of 552 agreements with overseas universities
    - Americas: 89 cases
    - Asia Pacific: 276 cases
    - Europe: 171 cases
    - Middle East and Africa: 16 cases

Global Volunteering and Cultural Experience

- Global Volunteering: During vacation, linked to obtaining credits from local universities
- Global Challenge: Recruitment starts every March, dispatched during summer vacation
- Korean Field Trips: Ecological trip around Dokdo and Ulleungdo Islands

Create Strong and Comfortable Facilities and Environments

- Create a carbon-neutral campus
- Installed solar and fuel cell power generation facilities (about KRW 10 billion)
- Replaced old heating and cooling facilities, transformers, windows, and elevators (KRW 11.7 billion)
- Replaced asbestos finishing (KRW 1.5 billion)
- Installed elevators for the disabled (KRW 6.1 billion)
- Improved pedestrian environment on campus (KRW 1.5 billion)

Operate ‘KNUCUBE’, an Integrated Management System for Extracurricular Programs

- Provide customized services for each student by establishing an integrated extracurricular program management system
- Equipped with extracurricular program management, counseling, and alumni mentoring functions
- Can be utilized for student career exploration, competency development, employment support, counseling, and portfolio

Established Integrated Student App ‘KNUPIA’

- School bus guide
- QR code for using campus facilities
- Equipped with mobile student ID
- Information on campus
- Equipped with an e-voting function
- Equipped with coupon issuance
**University Together**
with The Local Community

### Operate Community Contribution Center
- Operate Dalgubeol Good Life Council
- Operate KNU Living Lab to resolve local issues
  - 2nd KNU S.O.S (Social Problem Solver)
  - Slow learner mentoring project
  - Plastic PET recycling project
- Host ESG Forum twice
- Host ABB Camp for local youth
- Host Carbon Neutral Creator Children’s Online Art Contest

### Program With Local Communities
- KNU New Year’s Concert
- KNU Bazaar and KNU Love Blood Donation Campaign
- Art exhibition and cherry blossom festival with local residents
- Invited lectures by famous authors and alumni of our school
- Culture and Arts Experience One-day class in KNU Museum
- KNU Heritage Cultural Volunteer Group
- Local community-linked participatory art museum exhibitions and educational programs
- Free Physical Education Class Program by the Sports Promotion Center: A total of 583 trainees

### Volunteering and Mentoring Status

<table>
<thead>
<tr>
<th>Mentoring Type</th>
<th>People</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multicultural Mentoring</td>
<td>82</td>
</tr>
<tr>
<td>Youth Education Support</td>
<td>629</td>
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<tr>
<td>Talent Donation</td>
<td>146</td>
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<tr>
<td>H-JUMP Mentoring</td>
<td>30</td>
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<tr>
<td>Samsung Dream Class</td>
<td>6</td>
</tr>
</tbody>
</table>

- Total budget for 2023 KRW 2.4 billion

### High-quality Lifelong Education Center Curriculum
- Government-academic linked course: a total of 14 projects with 4 local governments

<table>
<thead>
<tr>
<th>Daegu City</th>
<th>Daegu Bulgu Office</th>
<th>Goryeong-gun</th>
<th>Gumyeong-gun</th>
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</thead>
<tbody>
<tr>
<td>6</td>
<td>2</td>
<td>1</td>
<td>5</td>
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</tbody>
</table>

- University’s own curriculum: 107

<table>
<thead>
<tr>
<th>Subject</th>
<th>Daegu City</th>
<th>Daegu Bulgu Office</th>
<th>Goryeong-gun</th>
<th>Gumyeong-gun</th>
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</thead>
<tbody>
<tr>
<td>Self-improvement</td>
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<td>6</td>
<td>5</td>
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<tr>
<td>Language learning</td>
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<td>5</td>
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<td>Investment techniques</td>
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<tr>
<td>Arts</td>
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<tr>
<td>Geomancy</td>
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</tbody>
</table>

### Academic Resource Open and Sharing Program
- Academic conferences (occasionally)
- Exhibition of library collections (precious books, rubbings of inscriptions)
- Tour of related organizations and invitational exhibitions
  (Confucian bookplate, Samguk Yusa, Naebanggasa, works from the Art Department)
- 2018–2022 Exhibition of research results of our professors
- Book curation exhibitions by topic (occasionally)

### Continuous Love (briquette) Sharing Volunteer Activities

- Number of donated briquettes: **11,700**
- Number of households receiving briquettes: **39** households
- Number of volunteers
  - 2022: **76**
  - 2023: **159**
A Recognized University

1st Place among National Universities

- 2023 QS World University Rankings
- 2023 THE World University Evaluations
- 2023 THE Asia University Evaluations
- 2023 Shanghai Ranking’s Academic Ranking of World Universities (ARWU)
- 2023 Center for World University Rankings (CWUR)

Attract Major State and Local Government Projects

- Regional innovation project based on local government-university cooperation KRW 337.8 billion
- Leaders in Industry-university Cooperation 3.0 (LINC 3.0) KRW 33 billion
- Stage 4 BK21 Graduate School Innovation Support Project KRW 50.5 billion
- Regional Leading University Development Project KRW 10.6 billion
- National University Development Project KRW 76.3 billion
- University Innovation Support Project KRW 32.9 billion

Top Ranking in Corporate Preference and CEO Production Among Graduates

- Ranked 8th in 2023 University Brand Reputation
- Ranked 12th in the 2023 JoongAng Ilbo University Evaluation, a university preferred by corporate human resources managers
- Produced 16 CEOs of the Top 1000 Companies in 2023
- Produced 3 CEOs of the Top 100 Companies in 2023
**Intensive Fostering of Convergence Research and Education**
- AI
- Biomedical convergence
- Robots and smart systems
- Hydrogen and renewable energy
- Data fusion computing
- Agro-Bio convergence
- Humanities counseling
- Integrative natural sciences for the East Sea Rim

**Provide Customized Academic Information through Academic Counseling**
- Operate an academic consulting program for freshmen
- Operate a program to prevent student dropouts
- Operate visiting academic counseling and information session programs
- Operate an academic adaptation program for international students
- Operate a department adaptation program for transfer students
  - Location: Cheomseongin Mirae Hall, 1st floor, Department of Educational Affairs

**Establish a Platform for Universities to Share Technology Innovation**
- Establish a technological innovation network and mutual cooperation platform centered on universities in the metropolitan area
- 7 participating universities: Kyungpook National University, Pusan National University, Chonnam National University, Hanyang University, Kangwon National University, Kumoh Institute of Technology, and Chungbuk National University
- Promote university-centered technology infrastructure sharing and establishment of joint ventures

**Operate the Department of Convergence in the ITA field**
- Bachelor & Master Combined Program (5 years)
- Biomedical convergence engineering, robotics and smart system engineering, hydrogen and renewable energy
- Eligible for sophomores or higher

**Operate Data Science Graduate School**
- Link disciplines of various domains with AI and Big Data
- Foster expertise in data analysis and utilization through convergence education
- Operate LG Innotek Data Science Industry-Academia Collaborative Research Center
- Operate K-DS Convergence Talent Nurturing Project (support for student academic activities and research, etc.)

**5-Step Action Plan to Increase Student Employment Rate**
- Employment consulting P/R
  - Career coaching
  - Consulting
  - Application documents clinic
  - Simulated job interview
  - Special lecture on employment

**Systematize Student Career and Psychological Counseling**
- Freshmen
  - Support for basic diagnosis and counseling
  - Support for job aptitude test and career counseling
  - Support for new student personality test and select psychological support group
- Undergraduates
  - Employment Awareness Survey
  - Career counseling by majors
  - Student counseling guidance
  - Personal psychological counseling
  - Psychological counseling linked to local organizations

※ Professional counselors in place
A University
Where Dreams of Employment and Entrepreneurship are Realized

**2023 Graduate Employment Rate by Sector**

- KNU: 24.4%
- National and Local Governments: 5.1%
- Other National Universities: 17.3%
- Major Companies: 13.6%
- Public Institutions and Public Enterprises: 10.6%

(619 people) (437 people) (415 people)

(Source: 2023, Korean Educational Development Institute)

**Local Talent Recruitment**

- Employed by public institutions relocated to Innovation Cities in Daegu and Gyeongbuk Province
  - 57 in 2020
  - 62 in 2021
  - 52 in 2022
- Cumulative number of people passed Level 7 national position through local talent sector 90, ranked 2nd in the country
- Expand employment opportunities in public institutions and civil servants
  - The mandatory local talent-hiring rate of relocated public institutions increased by 30%
  - Implement a preferential system for hiring talent from non-metropolitan areas in public institutions
  - Operate a target system for recruiting local talent for civil servants

**Passed Various National Exams**

- 2023 national nursing exam passage rate **100%** (5 consecutive years)
- 2023 dental hygienist national exam passage rate **100%** (2 consecutive years)
- 2023 4 students passed public recruitment test for Level 5 national position (2 for administrative job, 2 for technical job)
- 2023 3 appointed as prosecutors, 12 appointed as judicial researchers

**Startup Incubator**

- Support startup planning marketing mentoring
  - Startup Hub Center (Global Plaza 1st floor)
- Startup Square (Global Plaza 1st floor)
- Startup Hub Village (Dormitory Building D)

**Operation of Bachelor System for Entrepreneurship Education and Business Startup Status**

<table>
<thead>
<tr>
<th></th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Leave of absence to start a business</td>
<td>Credit replacement for starting a business</td>
<td>Number of students starting a business</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>17</td>
<td>22</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>4</td>
<td>14</td>
<td></td>
</tr>
</tbody>
</table>
A University
Performing World-Class Research

World-Class Professorial Research Capabilities

2018-2022 HCR selection (5 years in a row)
Prof. Sung Hwa Jhung

Selected for HCR in 2023
Prof. In-Jung Lee

- HCR: Highly Cited Researchers, academic information service company selected by Clarivate Analytics

Increase in Transfer of Professors’ Patent/Technology

Technology transfer
2.4 KRW 3.2 billion
(2019) (2023)

Patent application and registration
864 → 1,066 cases
(2019) (2023)

Secure a Large Number of Full-Time Faculty

1,177 → 1,243 (unit: people)

Ranked 1st among National Universities in Paper Performance per Professor

- The highest among national universities in SCI-level paper performance per full-time faculty member

KNU 0.72 thesis per faculty
KNU 0.73 thesis per faculty

- The highest among national universities in international paper performance per full-time faculty member

A University 0.61 thesis
B University 0.60 thesis
C University 0.59 thesis
D University 0.58 thesis

Excellent Academic Research by Professors

IF Impact Factor

(unit: cases)

Within top 1%
Within top 5%
Within top 10%

2020 2021 2022

Learning and Research Support Program

- Establish and implement a guide service for each stage of research
  - Searching library resources, data collection, data analysis and visualization, journal information and research performance analysis, research ethics, EndNote, plagiarism prevention (Turnitin), dissertation writing

- Customized research support service
  - Support for customized research and research methods, excellent customized thesis
  - Recommend overseas academic journals, support for submissions to excellent overseas academic journals

- Regular training and special lectures on writing academic theses and dissertations

- Education linked to undergraduate classes (face-to-face education during relevant class hours)

- Extracurricular program LMS course
  - Library User Guide, Information Retrieval Basics, Utilizing Turnitin and EndNote
**Commencement of KNU Campus Innovation Park Site Preparation Construction and Hub Building Construction**

- Project period: 2022 - until project completion
- Total project cost: KRW 52 billion

Complex with corporate occupancy, start-up support, residential and cultural facilities, etc.

**Stage 4 Brain Korea 21 Project (BK21)**

- Sept., 2020 - Aug., 2027
- Human resource development project KRW 180 billion
  (21 education research groups (teams) to nurture future talent, 8 research groups selected to foster innovative talent)
- Support for research scholarships for participating graduate students
  (About 900 students per semester, approximately KRW 14 billion per year)
- Participating workforce
  480 faculties / 50 researchers / 1,450 graduate students
- Selected as an Excellent University for Graduate School Innovation for 3 consecutive years
  (4th year of project cost increase + KRW 520 million)

**Secured KRW 97.4 billion in National Funding for New Facility Projects**

- Renovation of IT Building No. 2 KRW 39.9 billion
- Animal hospital facility improvement lease-type private investment project KRW 41.1 billion
- Construction of a Joint Semiconductor Research Center KRW 16.4 billion

**National Financial Support Project Budgets at the Highest Level for a National University**

- SW-Centered University Support Project KRW 21.6 billion
- Regional Leading University Development Project KRW 10.7 billion
- National University Development Project KRW 76.4 billion
- University Innovation Support Project KRW 32.9 billion

**Total Project Costs** KRW 141.6 billion

**KRW Orders for Large-scale R&D Projects**

- ERC Leading Research Center KRW 42.1 billion
- MRC Leading Research Center KRW 38.1 billion
- SW-Centered University Support Project KRW 26.0 billion
- Industrial Technology Research Base Construction Project KRW 42.0 billion
- Key Research Institute Support Project KRW 31.2 billion
- Industry-Academia Research Cooperation Leading University KRW 37.6 billion
- Agricultural Biotechnology Research Center KRW 23.5 billion
- AI-Based Architectural Design Automation Technology Development Project KRW 24.9 billion
- Semiconductor Specialized University Support Project KRW 32.9 billion
- Process Innovation Simulation Center Construction and Operation Project KRW 25.8 billion

**13 Projects**

**KRW 419.8 billion (2019~)**

※ Based on large-scale business: more than KRW 20 billion