POSTECH At A Glance

**HISTORY**
POSTECH was founded in 1986 as the first research-oriented university in Korea. In just 31 years, POSTECH’s bold moves have propelled it to become one of world-leading universities. For the next 30 years, POSTECH will take on the responsibility as a flagship that will lead academia and research of the nation’s higher education with openness and a challenging spirit and strive to become a Value Creation University that contributes to the nation.

- Established (Founding Chairman: Tae-joon Park, First President: Hogil Kim)
- First Matriculation Ceremony
- First Commencement Ceremony
- Opening of POSTECH-LG Display Industrial Academic Cooperation Center
- Completion ceremony for the C²
- Ranked 1st in the top 100 universities under 50 years old in the 2014 Times Higher Education World University Rankings
- Ranked 1st among the top 100 universities under 50 years old in the 2014 Times Higher Education World University Rankings for 3 consecutive years
- Ranked 1st in the 2017 Times Higher Education University-Industry Collaboration Rankings
- Opening of the Graduate Institute of Ferrous Technology (GIFT)
- Completion ceremony for the PAL-XFEL (3rd in the world)
- Commemoration Ceremony for the 30th Anniversary of POSTECH
- Ranked 1st in the 2017 Times Higher Education University-Industry Collaboration Rankings
- Opening ceremony for the POSTECH-Hyosung Industrial Academic Cooperation Center
- Completion ceremony for the Pohang Light Source completed
- Ranked 28th in the World University Rankings (Times Higher Education, 2010)
- Ranked 3rd in the 30th Anniversary of POSTECH
- Ranked 1st in the top 100 universities under 50 years old (Times Higher Education, 2012, 2013 and 2014)

**FOUNDING TENETS**
- Nurture future global leaders through outstanding education
- Conduct pioneering research and development in science and engineering
- Serve the nation and humanity through education, research, and industry-academic collaboration

**EDUCATION & RESEARCH**
- UNDERGRADUATE: 11 Departments (4 Science and 7 Engineering), 1 Division
- 1 Division
- Mathematics / Physics / Chemistry
- Life Sciences
- Materials Science & Engineering
- Mechanical Engineering
- Industrial & Management Engineering
- Electrical Engineering
- Computer Science & Engineering
- Chemical Engineering
- Creative IT Engineering
- Division of Humanities & Social Sciences
- GRADUATE: 11 Departments (4 Science and 7 Engineering)
- 5 Divisions
- 2 Inter-disciplinary Programs
- 2 Professional Graduate Schools and 1 Special Graduate School
- RESEARCH UNITS: 73 (PAL, PBC, NINT, MPK and others)
- PARTNERSHIP WITH 104 UNIVERSITIES IN 29 COUNTRIES

**MEMBERS**
- FACULTY: tenure-track & non-tenure-track faculties (57 foreign faculties)
- STAFFS: 238
- RESEARCHERS: 66 Foreign Researchers
- STUDENTS: 1,449 Undergraduate students, 2,159 graduate students
- (104 foreign graduate students)
- ALUMNI: 18,112
- UNDERGRADUATE STUDENT-TO-FACULTY RATIO: 3.3 : 1

**31 YEARS OF ACHIEVEMENT & EXCELLENCE**
- Ranked 28th in the World University Rankings (Times Higher Education, 2010)
- Ranked 1st in the top 100 universities under 50 years old (Times Higher Education, 2012, 2013 and 2014)
- Ranked 1st in the Asian Specialized University (The QS Asian University Rankings, 2010-2016)
- One of Top 100 Global Innovators (Thomson Reuters, 2012)
- Ranked 1st among universities that publish the highest proportions of their research output in collaboration with industry (Times Higher Education, 2017)
POHANG ACCELERATOR LABORATORY

Pohang Light Source (PLS-II)
- 3rd generation light source at POSTECH
- The 5th in the world and the only synchrotron radiation accelerator in Korea
- A national research facility used in various basic science to high-tech industrial research
- Construction period: 1988 ~ 1994
- Total construction cost: US$ 134.3M (US $1 = 1,116.10 KRW)
- Buildings of 45,377m², Land area of 651,048m²

4th Generation Light Source (PAL-XFEL)
- 10 billion times brighter than the 3rd generation light source
- The 3rd country in the world to have a 4th generation synchrotron radiation accelerator
- Pioneer research in medicine, pharmaceutics, chemistry, material science, nanotechnology, power engineering, and electronics
- Construction period: 2011 ~ 2015 (Completed in September 2016)
- Total construction cost: US$ 385.1M (US $1 = 1,116.10 KRW)
- Buildings of 36,764m², Land area of 120,620m²

NATIONAL INSTITUTES FOR NANOMATERIALS TECHNOLOGY
- A core research center for the advancement and commercialization of nanotechnology
- Cutting-edge facilities that provide valuable technical support, assistance to industry, and research from development to commercialization

POSTECH BIOTECH CENTER
- Founded in 2000 with the goal of becoming the hub of biotechnology research and business development (R&D)
- The biggest private research institute in Korea
- Main Research Areas: Molecular Medicine, Plant Biotechnology, Nano Biotechnology

THE INSTITUTE FOR BASIC SCIENCE (IBS)
- Operates 4 out of 20 IBS Research Centers – the most Research Centers allocated to a single institute
- Center for Self-assembly and Complexity
  (Director: Prof. Kimoon Kim)
- Center for Geometry and Physics
  (Director: Prof. Yong-Geun Oh)
- Academy of Immunology and Microbiology
  (Director: Prof. Charles Surh)
- Center for Artificial Low Dimensional
  (Director: Prof. Han Woong Yeom)

MAX PLANCK POSTECH / KOREA RESEARCH INITIATIVE
- The Max Planck-POSTECH Center for Attosecond Science and the Max Planck-POSTECH Center for Complex Phase Materials is a testament to POSTECH’s internationally renowned research excellence.
- The collaboration lays the foundation for further strengthening Korea's competitiveness in basic science research.

C³ (CREATIVE · COLLABORATIVE · CULTIVATING · CONVERGENCE · CENTER)
- C³ plays a pivotal role in catalyzing world-first convergence education and research, and fostering future global leaders with a creative and challenging spirit.
- C³ is home to the Dept. of Creative IT Engineering (CITE), the POSTECH Future IT Innovation Laboratory (i-Lab), POSTECH research teams, and the POSCO Pohang Center for Creative Economy. Its modern open-space design allows them to rearrange work areas freely to facilitate and promote dynamic collaboration.

ANNUAL BUDGET (FY 2017, US $1 = 1,116.10 KRW)

REVENUE
- US $304.2M
- Research Grants & Contracts US $139.3M
- Endowment Income US $55.2M
- Tuitions US $22.4M
- Gifts & Special Grants US $27.1M
- Others US $64.2M

EXPENSES
- US $304.2M
- Research Expenses US $141.7M
- Salaries & Wages US $54.4M
- Fixed Asset Costs US $27.6M
- Operation and Maintenance Costs US $29.4M
- Student Aids & Services US $17.4M
- Others US $33.7M

ANNUAL TUITION FEE (US $1 = 1,116.10 KRW)

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<tr>
<th>Course</th>
<th>Fee</th>
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<tbody>
<tr>
<td>Undergraduate</td>
<td>US $4,809</td>
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<tr>
<td>Graduate</td>
<td>US $7,988</td>
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<tr>
<td>Institute of Ferrous Technology (GIFT)</td>
<td>US $11,764</td>
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<tr>
<td>School of Engineering Mastership (GEM)</td>
<td>US $10,375</td>
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