

POSTECH At A Glance

HISTORY

POSTECH was founded in 1986 as the first research-oriented university in Korea. In just 29 years, POSTECH's bold moves have propelled it to become one of Asia's top universities and a university with prominent growth potential. POSTECH strives to become a world-leading university in the pursuit of excellence in education and research

1986. 12. 3

Established
(Founding Chairman : Tae-Joon Park,
First President : Hogil Kim)

1994. 12. 7

Completion of Pohang Light Source

2014. 5. 1

Ranked 1st among the top 100 universities under 50 years old by The Times Higher Education (three consecutive years)

1987. 3. 5

First matriculation ceremony

1990. 2. 7

First commencement

2005. 9. 9

Graduate Institute of Ferrous Technology (GIFT) established

2010. 3. 2

Bilingual Campus declared

EDUCATION & RESEARCH

· **UNDERGRADUATE** : 11 Departments & 1 Division
(4 Science & 7 Engineering)
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 & 7 Engineering)
4 Divisions
4 Graduate Schools
4 Specialized Graduate Schools

· **RESEARCH UNITS** : 72 (PAL, PBC, NINT, MPK and others)

· **PARTNERSHIP WITH 89 UNIVERSITIES IN 26 COUNTRIES**

MEMBERS

FACULTY (Full-time Faculties &
Part-time Faculties,
57 Foreign Faculties)

403

UNDERGRADUATE STUDENTS

1,413

RESEARCHERS (54 Foreign Researchers)

638

GRADUATE STUDENTS (115 Foreign Students)

2,142

STAFF

245

STUDENTS

3,555

ALUMNI

16,599

**UNDERGRADUATE STUDENT-
TO-FACULTY RATIO : 3.5:1**



29 YEARS OF ACHIEVEMENT & EXCELLENCE

- Ranked 1st in the top 100 universities under 50 years old (Times Higher Education, (2012, 2013 and 2014))
- Ranked 28th in the World University Rankings (Times Higher Education, 2010)
- Ranked 1st in the Asian Specialized University (The QS Asian University Rankings, 2010~2013)
- One of Top 100 Global Innovators (Thomson Reuters, 2012)

RESEARCH INSTITUTES

POHANG ACCELERATOR LABORATORY

Pohang Light Source (PLS-II)

- The 3rd generation light source at POSTECH
- A national research facility used in various basic science to high-tech industrial research
- The 5th in the world and the only synchrotron radiation accelerator in Korea
- 170 Members (93 Researchers, 60 Technicians, 17 Administrative Staff)
- Budget US \$ 29.7M (FY 2015)

4th Generation Light Source (PAL-XFEL)

- 10 billion times brighter than the 3rd generation light source
- Pioneer research in medicine, pharmaceuticals, chemistry, material science, nanotechnology, power engineering, and electronics
- Scheduled to be operational in 2016
- US \$ 365.4M (Total cost for construction)

NATIONAL INSTITUTE FOR NANOMATERIALS TECHNOLOGY

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

POSTECH BIOTECH CENTER

- Founded in 2000 with the goal of becoming the hub of biotechnology research and business development (R&BD)
- The goal of the center is to incubate disruptive technologies in biotechnology areas for the development of immunology, pharmaceuticals, and nanobiotechnology

THE INSTITUTE FOR BASIC SCIENCE (IBS)

Operating 4 IBS research centers, the most designated to a single institution so far (out of 20 in total)

- 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 Materials (Director : Prof. Han Woong Yeom)

MAX PLANCK POSTECH/ KOREA RESEARCH INITIATIVE

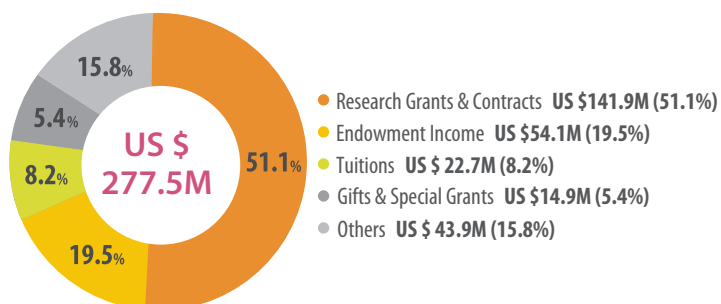
- The Max Planck-POSTECH Center for Attosecond Science and the Max Planck-POSTECH Center for Complex Phase Materials is a testament to POSTECH's internationally renowned research excellence
- The collaboration lays the foundation for further strengthening Korea's competitiveness in basic science research

C⁵ (CREATIVE · COLLABORATIVE · CULTIVATING · CONVERGENCE · CENTER)

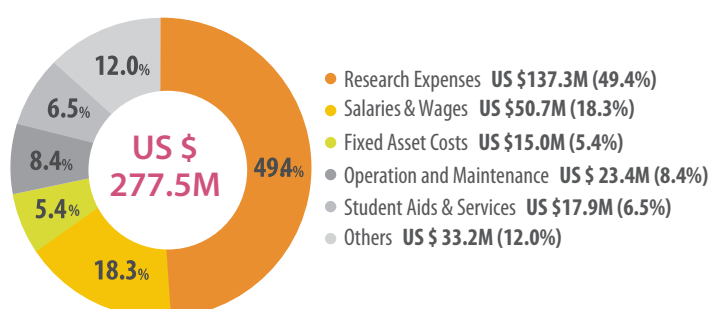
- C⁵ plays a pivotal role in catalyzing world-first convergence education and research, and fostering future global leaders with a creative and challenging spirit
- C⁵ is filled by the Dept. of Creative IT Engineering (CiTE), the POSTECH Future IT Innovation Laboratory (i-Lab), POSTECH research teams, 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 2015, US \$1= KRW 1,105)

REVENUE



EXPENSES



ANNUAL TUITION FEE



Undergraduate

US \$5,049



Graduate

US \$7,833