
University of Science and Technology

Introduction

UST is proud to provide the *education system focused on a field research* that is conducted at 32 government-funded research institutes.

Outstanding researchers and high-tech facilities are contributing to notable research results.

In year of 2018, UST Ranked no.2 CWUR* World University Rankings in Korea, no.1 in performance of papers in the fields of 3D printing and Internet of Things(IoT) in Korea.

* CWUR: Center for World University Rankings (CWUR is a non-profit organization and has been publishing a global ranking of universities since 2012)

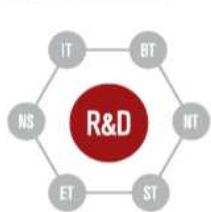


LOCATIONS OF CAMPUSES



KEY FEATURES

- 1** Education System Centered on Field Research at 32 Government-Funded Research Institutes
- 2** Excellent Research Environment and Facilities
- 3** Outstanding Research Performances
- 4** The Highest Levels of Financial Support in Korea



Opportunities to conduct large-scale national R&D projects (NS, IT, BT, NT, ET, ST) as a student researcher



The national research institute university funded directly by the government as a university under the direct supervision of the Ministry of Science, ICT and Future Planning (MSIP)



Outstanding research performances through the education system centered on field studies that conducts both education and research



Provision of the highest levels of financial support for students through financial aid and USD 4,500 in tuition per year

UST has accomplished superior research results based on its unique education

system centered on field research.

RESEARCH PERFORMANCE

UST Students accomplished superior research results based on its unique education system with customized field-oriented research.

* Average Research Performance per Ph.D. researcher, as of 2017

4.95

No. of SCI papers per person

2.25

No. of SCI papers per person as the 1st author

3.31

Impact Factor per SCI paper

1.88

No. of patents

UST students have published papers as the 1st author in the most prestigious scientific journals such as Nature, Science and Cell.



Nature,
published as the 1st author
(Sep. 2010)

Dr. Seungsub Bae (Graduated, Spring 2015)
UST-Korea Institute of Ocean Science and Technology (KIOST) Campus
Majored in marine biotechnology

Title
Formate-driven growth coupled with H₂ production

Contents
Deep sea micro-organism generates own energy



Science,
published as the 1st author
(Sep. 2010)

Dr. Boeun Yoon (Graduated, Fall 2012)
UST-Korea Institute of Science and Technology (KIST) Campus
Majored in neuroscience

Title
Channel-Mediated Tonic GABA Release from Glia

Contents
Discovery of new function of non-neuronal cells (glial cells) in the brain



Cell,
published as the 1st author
(Sep. 2012)

Dr. Dongho Woo (Graduated, Spring 2012)
UST-Korea Institute of Science and Technology (KIST) Campus
Majored in neuroscience

Title
TREK-1 and Best1 channels mediate fast and slow glutamate release in astrocytes upon GPCR activation.

Contents
Discovery of the neurotransmitter secretion process of astroglial cells in the brain

Visit our official website(<https://www.ust.ac.kr/eng.do>) for detailed information.