

**WORK OFFER**

Ref. No. KR-2019-UST-030

Employer Information

Employer: UST (KITECH-Korea Institute of Industrial Technology)
 Cheonan/Daejeon
 Cheonan/Daejeon
 Korea, South

Website:
 Location of placement: Cheonan/Daejeon
 Nearest airport:
 Working hours per week: 40.0
 Working hours per day: 8.0

Number of employees: 1114
Business or products: -

Student Required

General Discipline: 14D-MECHANICAL ENGINEERING
 40C-CHEMISTRY, MATERIAL SCIENCE, AND
 CHEMICAL ENGINEERING
 Other

Completed years of study: 3

Field of Study: 14.1901-Mechanical Engineering.
 14.0701-Chemical Engineering.
 Mechanical Engineering, Chemical Engineering,
 Energy related departments

Language required: English Excellent

Required Knowledge and Experiences:

Other requirements:

Work Offered

Industrial Technology

(Introduction of Laboratory)

Our laboratory conducts various research and development on energy production systems focused on thermochemical conversion of biomass. We are conducting experiments, numerical analysis, and process simulation studies for fluidized bed systems, and are carrying out new approaches such as oxy-fuel combustion and emission control using molten metal

(Internship Field)

The internship will be involved in the development of one of the following research topics

- Thermochemical conversion process of biomass(Gasification, pyrolysis, combustion, and etc.)
- Emission control with molten metal
- Experiments or Process simulation

Number of weeks offered: 8 - 8
Working environment: Research and development

Within the months: 01-JUL-2019 - 25-AUG-2019
Gross pay: 900,000 KRW / Month

Or within: -
Deduction to be expected: TBD

Holidays: -
Payment method / frequency: /

Accommodation

Canteen at work: Yes

Expected type of accommodation: Student dormitory
Estimated cost of lodging: 300,000 KRW / Month

Accommodation will be arranged by: UST (KITECH-Korea Institute of Industrial Technology)
Estimated cost of living incl. lodging: 900,000 KRW / Month

Additional Information

*Within the months: July 1, 2019 – August 23, 2019
 *Gross pay: 1,200,000 KRW / month (Master student)

*Website: <https://www.ust.ac.kr/eng.do>
<http://eng.kitech.re.kr>

Nomination Information

Deadline for nomination: 15-MAR-2019
Please send nominations by Exchange Platform

Date: 16-FEB-2019
On behalf of receiving country: Moojin Kim