

# US IN NUMBERS

 **180+**  
Active Students

 **150+**  
Alumni

 **14**  
Teaching Staffs

## OUR PROUD ALUMNI WORK HERE



...and many more!

150+ alumni working in F&B industry, Consumer goods, Government institutions, Education & Research, E-commerce, etc.

## COMMUNITY SERVICE



# ABOUT US

Food engineering is an engineering discipline that deals with the physical, chemical, & biological processing of food ingredients into efficient factory-scale food ingredients or products.

ITB Food Engineering study program was established as the first Food Engineering study program in Indonesia to answer the needs of the food industry for engineering graduates who are able to design new processes and technologies to process food in a sustainable manner and improve existing food production processes to become more efficient.

In 2022, the Food Engineering Program of ITB has been accredited "Unggul" by BAN-PT.

## CONTACT US

Labtek IIA Kampus ITB Jatinangor  
Jalan Let. Jend. Dr. (HC) Mashudi No. 1  
Jatinangor, Kab. Sumedang, Jawa Barat  
(022) 7798600 ext 129  
pg@cheitb.id & pg@itb.ac.id  
<https://pg.che.itb.ac.id/>

# FTITB

FAKULTAS TEKNOLOGI INDUSTRI  
INSTITUT TEKNOLOGI BANDUNG



# FOOD ENGINEERING STUDY PROGRAM



BAN-PT  
"Unggul"

# ADVANCED ANALYTICAL INSTRUMENTS

- Gas Chromatography-TCD, GC-2014 Shimadzu
- Gas Chromatography-MS, Perkin Elmer
- Simultaneous Thermal Balance TG-DTA/DSC
- PARR Automatic Iseporibol Callorimeter Expanded System
- Analyzer Organic Elemental Analysis, NC-Tech Elemental Combustion System Model 8020
- Thermogravimetric Analyzer Labfit, Apollo L
- Moisture Analyzer, KERN
- NIR Proximate, Buchi
- Gradient HPLC System with UV VIS and RI Detector, Waters Breeze
- Texture Analyzer, TA.XT Plus
- Colorimeter, FRU WQ10
- And more!

# FOOD INDUSTRY-STANDARD UNIT OPERATIONS



# FOOD ENGINEERING TEACHING FACTORY LABORATORY

The Food Engineering Study Program also has an **Educational Food Factory Laboratory (Teaching Factory)** facility, which is a fermented cassava flour production facility with a capacity of 1 ton / day.



# Research with Industries

- **PT. Tereos FKS:** Spray drying corn steep liquor
- **PT Kreasi Krispi Indonesia:** Commercial-scale roasting process optimization
- **PT Zena Nirmala Sentosa:** Spray drying of mangosteen peel extract
- **and more!**



# Research Topics

- Edible coating for fruits
- Drying of agricultural products
- Powdery and instant food products
- Extraction of food active compounds
- Production of fercaf and its derivative products
- Production of halal gelatin and protein hydrolysate
- Enzymatic hydrolysis of EFB
- Solid state fermentation products
- LCA of food production process
- **and more!**

# Internship Partners

