



SOUTHEAST UNIVERSITY SUMMER 2019



Join us for the very enlightening and concept building courses for this summer at "Southeast University". We will be having these courses for this summer:

Renewable Energy Technology and Application Research

Refrigeration, Heat Pump Technology and its Research Frontiers

Solar Refrigeration Heating Technology

Excursions

REGISTRATION:

**DURATION:
AUGUST – SEPTEMBER 2019
(15 DAYS)**

**SOUTHEAST UNIVERSITY SIPAILOU
CAMPUS**

Renewable Energy Technology and Application

Teaching schedule:

- Energy and environment
- Solar energy foundation
- Solar photovoltaic
- Solar photo-thermal
- Energy storage
- Fuel Cell(FC) fundamentals
- FC Technology
- Types of FCs
- FC stack and power generation system
- FCV, and H2 infrastructure

Learning practice:

- Solar PV
- FC



Refrigeration, heat pump techn. & Research

Teaching schedule:

- Basic principles of thermodynamics
- Cooling method and Carnot cycle
- Single Stage Vapor Compression
- Multi-stage vapor compression
- Absorption refrigeration cycle
- Heat pump technology

Solar Refrigeration Heating Technology

Visits to various companies for looking at
Hands-on-skills and the insight of industries.

Excursions

- Renewable Energy Technology Excursion
- Refrigeration and Heat Pump Tech. Excursion
- Solar Refrigeration Heating Tech. Excursion

