

Call of 2017 IHI International Internship Program

IHI

Realize your dreams

This program is a part of the ITB's international activities. IHI has concluded an MOU agreement with ITB. It is aimed to give interns the opportunity to engage in research activities of IHI.

1. Target candidates:

Fourth year students, completed 120 SKS or over, English ability and GPA score 3.0 and over are recommended.

2. Place:

Yokohama or Tokyo, Japan

3. Time frame:

Interns accepted for this program will participate in for a period of 3 month, with the start from August 2017.

4. Application:

-Please consult **Dr. Sri Raharno**, Cooperation Coordinator, Faculty of Mechanical & Aerospace Engineering

-A maximum of **two** students will be taken.

-Fill out the IHI International Internship Program application form and submit it to

Dr. Sri Raharno(e-mail:magang@ftmd.itb.ac.id).

5. Application deadline:

Application deadline is April 21, 2017.

6. Selection:

Candidates are screened by interview by related faculty and IHI.

7. Internship themes:

See the other page.

8. Living expenses, Travel expenses:

IHI provide each of the Trainees with the charges for the travel cost between Indonesia and Japan, accommodation, meal during the internship period and the transportation expenses from accommodation to IHI.

9. Final evaluation:

After completion of the internship period and submission of a report to IHI, IHI will issue a certificate to IHI internship students.

10. Notice:

The Trainees must insure themselves before leaving for Japan against any and all accidents, including but not limited to death, injury, sickness, covering all the period of their stay in Japan.

Internship themes

	Theme	Brief overview	Trainer
1	Evaluation and Optimisation of the fluidising lignite dryer	<ul style="list-style-type: none"> •Execution of lignite drying experiments with capacity of 3t/h •Evaluation of the process data(mass and heat balance) from 3t/h experiments •Small scale cold model experiments for determination of dryer structure and for understanding of particle movement 	<p>Mr. Hiroshi Aramaki</p> <p>Research & Development Dept. Energy & Plant Operations</p>
2	Study on utilization of EFB as a fuel for power plant	Huge amounts of EFB (Empty Fruit Bunches) are wasted in South East Asia, especially in Malaysia and Indonesia. To use it as a fuel for power station might be environmental friendly plan. However some pre-treatment must be required to combust it in power plant. In this study, pre-treatment way and its combustion characteristics will be studied in laboratory scale experiment.	<p>Mr. Nakayama</p> <p>Chemical Engineering Dept. Corporate Research & Development</p>