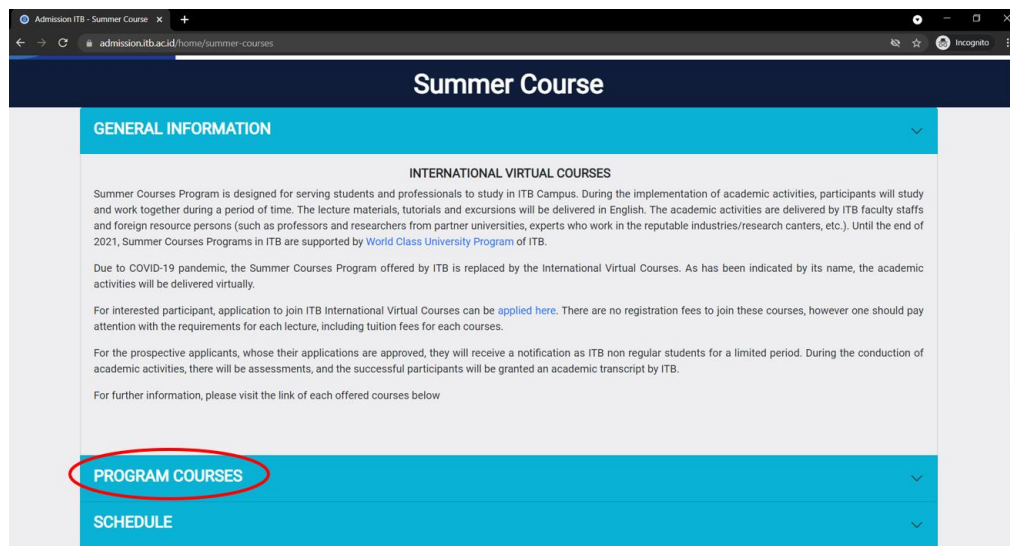


# Registration Tutorial for the International Virtual Course on Multidisciplinary Optimization and Machine Learning for Engineering Design Applications (MDOML-2021)

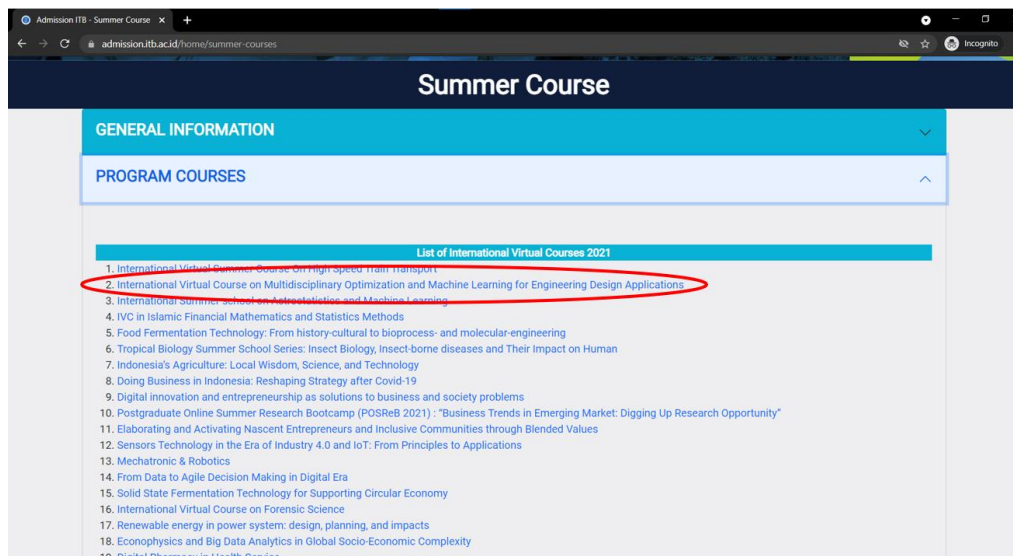
To register for the International Virtual Course on Multidisciplinary Optimization and Machine Learning for Engineering Design Applications MDOML-2021, visit

<https://admission.itb.ac.id/home/summer-courses>

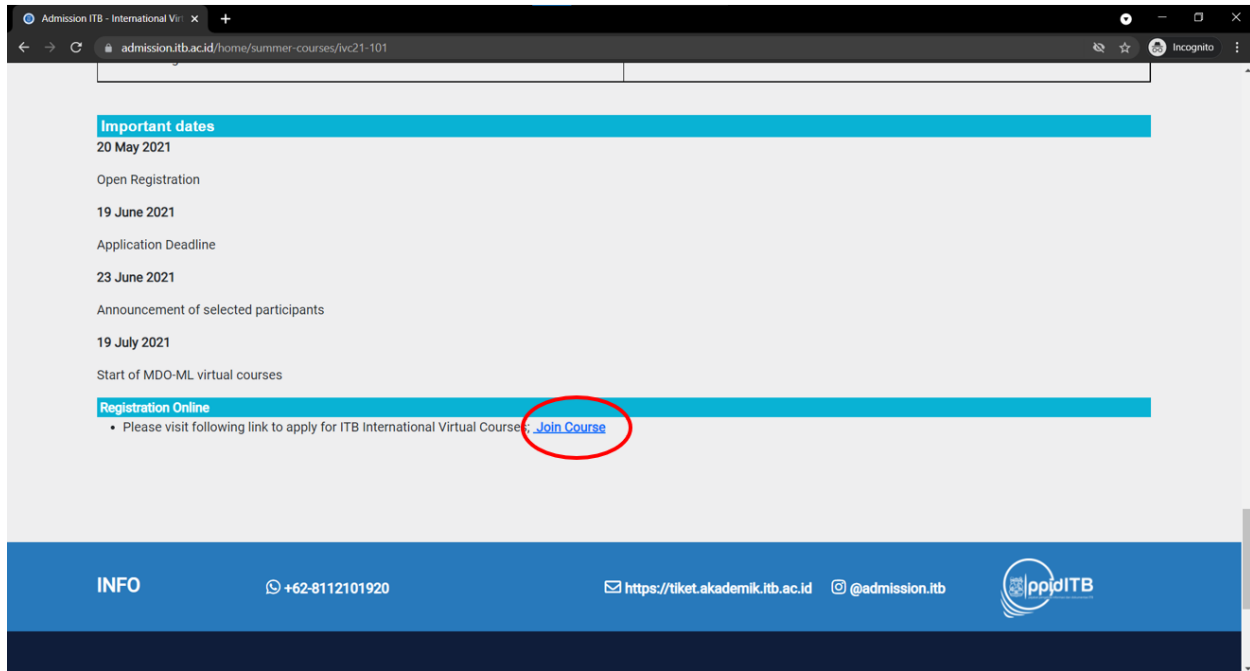
Then, click on the Program Courses tab.



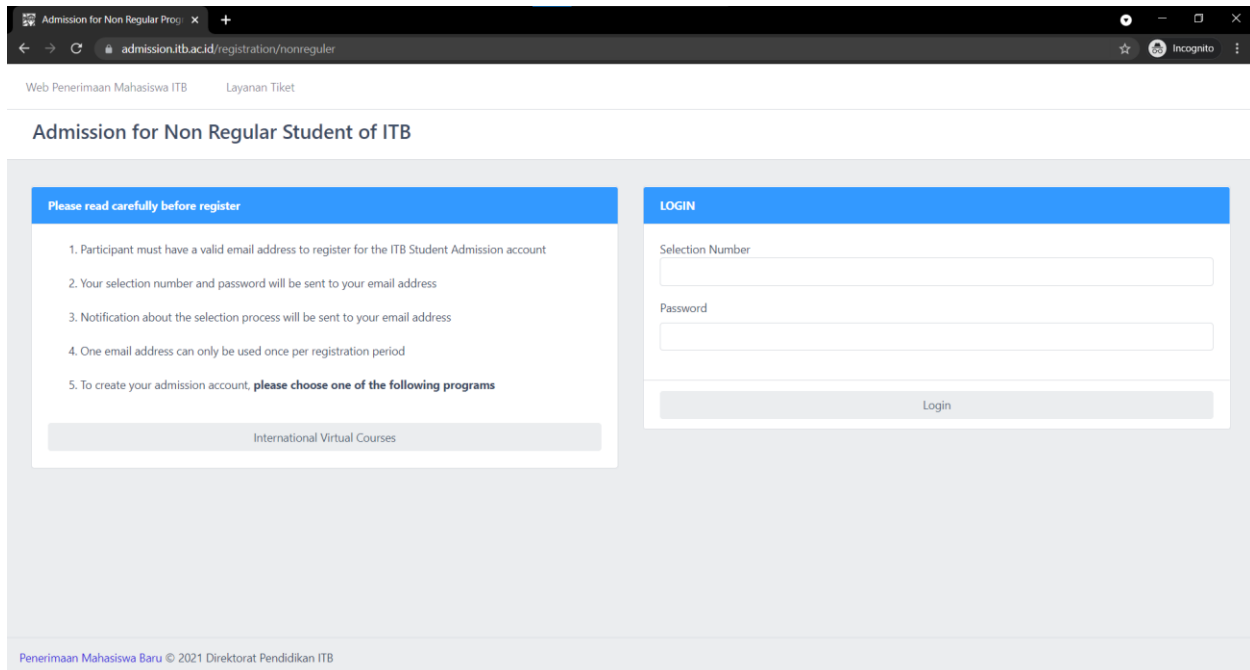
You should see list of choices of the available courses. If you are applying for the MDOML 2021 virtual course, click on the “International Virtual Course on Multidisciplinary Optimization and Machine Learning for Engineering Design Applications” course.



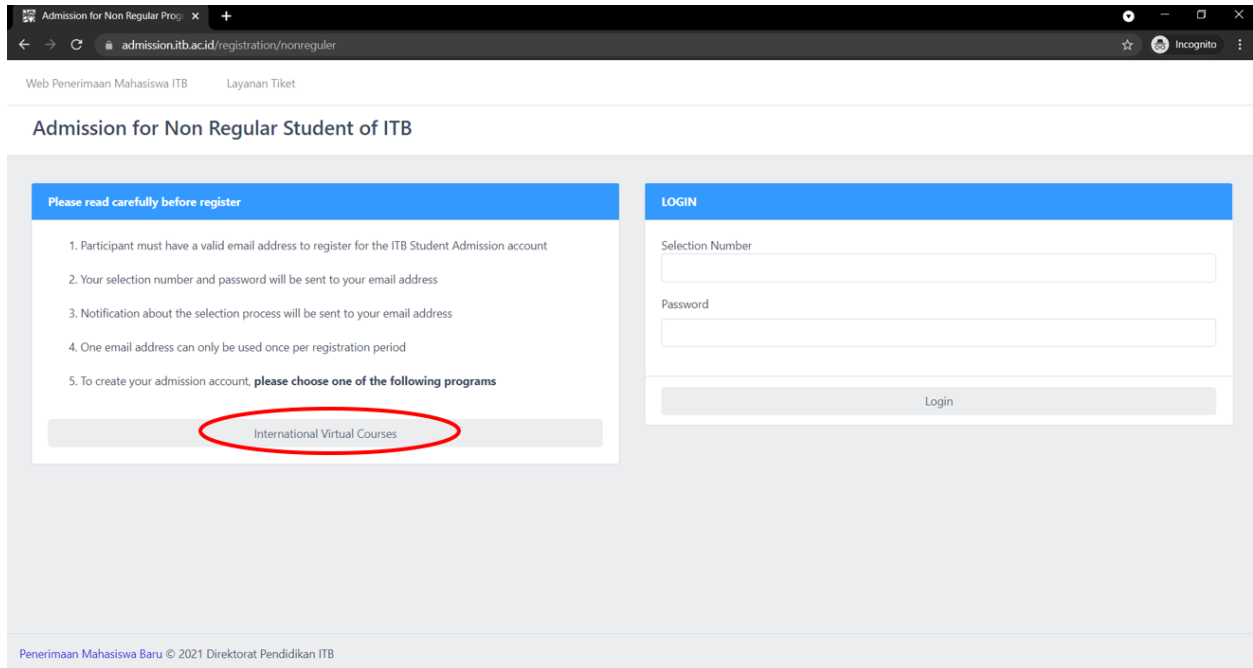
You should be directed to the detailed summary of the course and at the bottom of the webpage, you can click on the “Join Course” for admission registration.



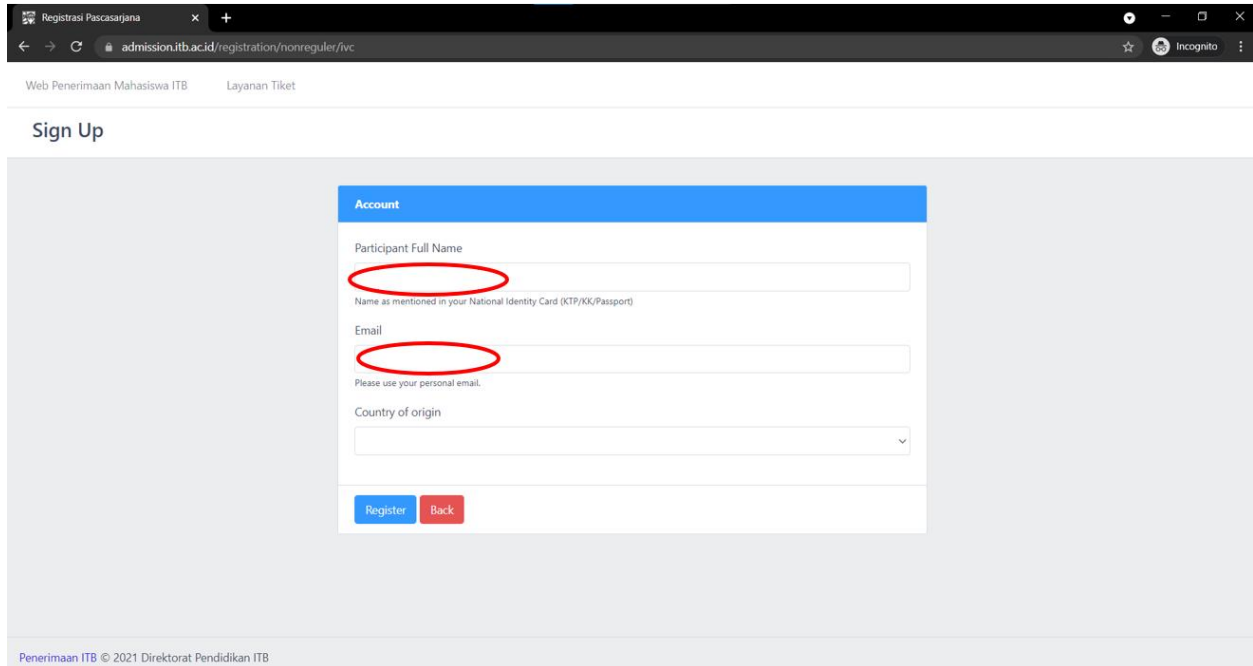
Then, you should see the admission webpage as shown below.



If you are a first-time visitor on this website, please register yourself by clicking on the “International Virtual Courses” button at the left part of the webpage.



Then, provide your full name (Please use the name as in your National Identity Card or Passport) and your personal email (Please provide a valid email that you can access).



And provide your country of origin. (Please choose "Asing (Foreigner)" if you are not from Indonesia)

### Account

Participant Full Name

Name as mentioned in your National Identity Card (KTP/KK/Passport)

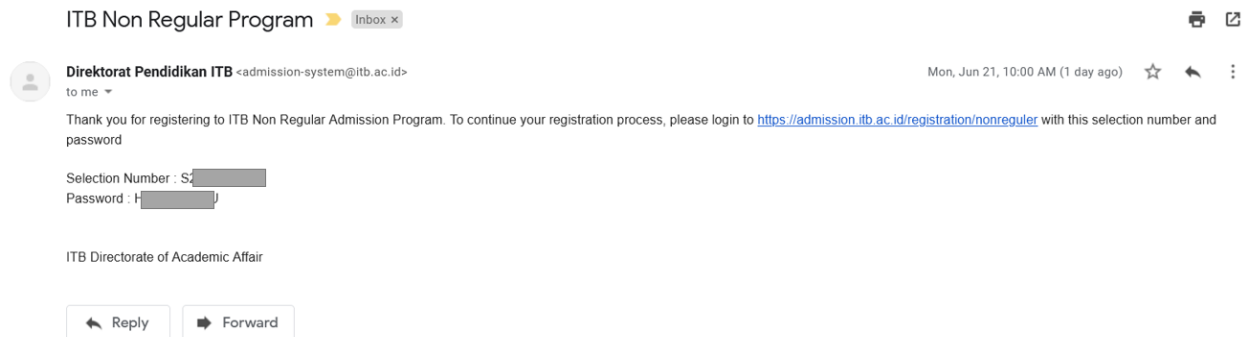
Email

Please use your personal email.

Country of origin

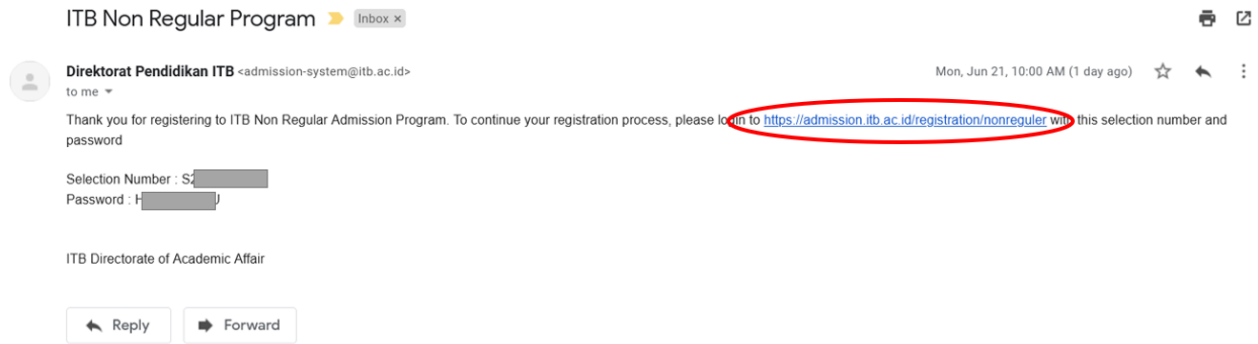
Dalam Negeri (Indonesian)  
Asing (Foreigner)

Then, after correctly providing your full name, email and country of origin, click on the “Register” button. You should receive an email from [admission-system@itb.ac.id](mailto:admission-system@itb.ac.id) that provides your **Selection Number** and **Password**. (Please check your spam or register again if you do not receive the email).

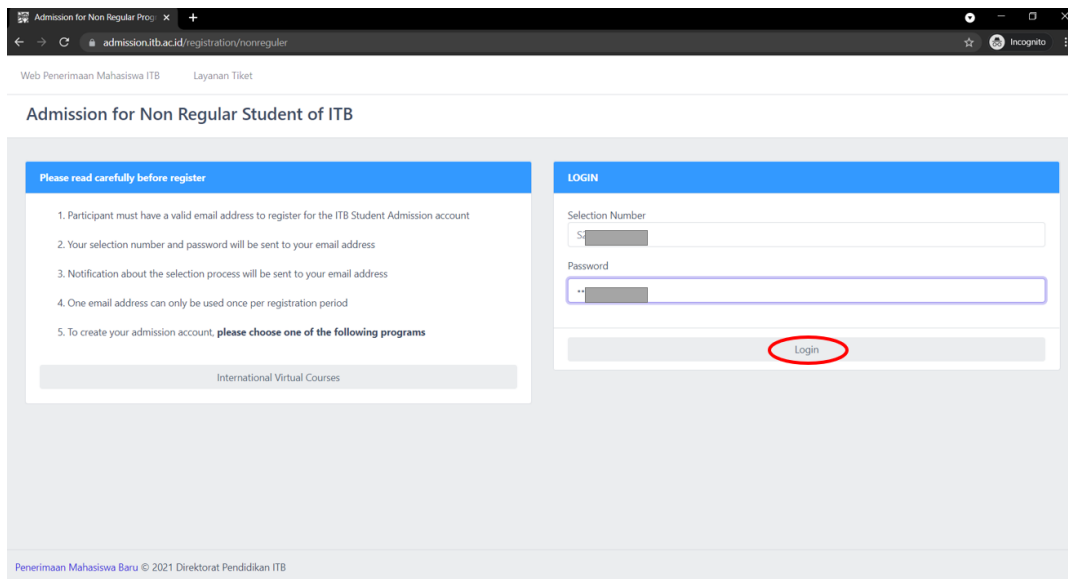


After receiving your login selection number and password, go to <https://admission.itb.ac.id/registration/nonreguler>

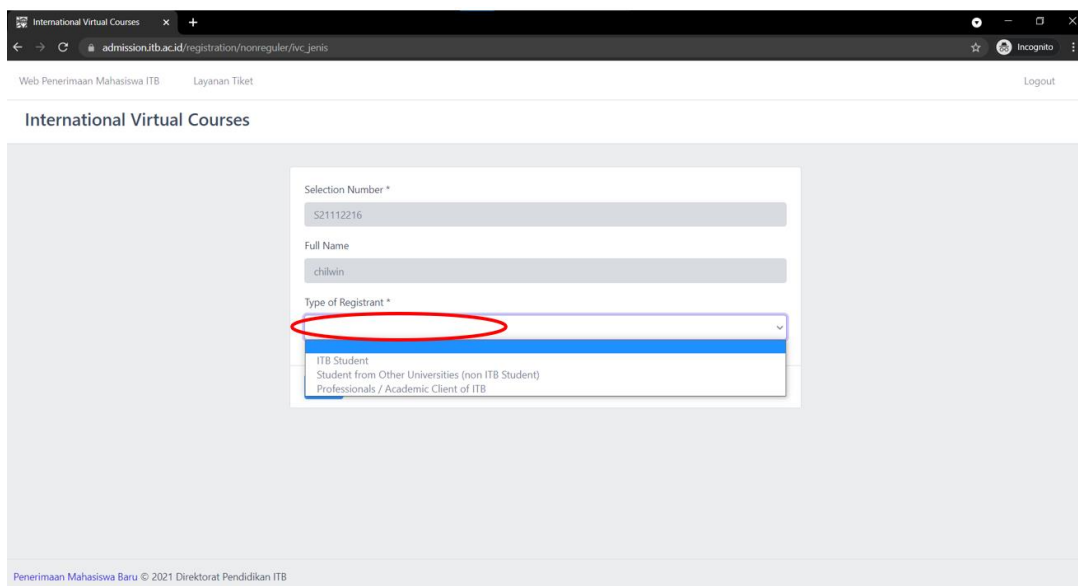
As provided in the email



Then, login with your provided Selection Number and Password



After login, please provide "Type of Registrant" based on your current status.



Then, after continuing, you should see

The screenshot shows a web browser window with the URL `admission.itb.ac.id/registration/nonreguler/home`. The page title is "Data Entry". The navigation bar includes "Web Penerimaan Mahasiswa ITB", "Layanan Tiket", and "Logout".

The main content area is titled "Data Entry" and is divided into two columns. The left column, titled "Basic Data", contains a form with the following fields:

- Selection Number
- Name
- Email

The right column, titled "Data Entry", contains four sections, each with a heading and a text box:

- Personal Data**: Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.
- Address**: Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.
- Current/Latest Education**: Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.
- Required Documents**: Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

This screenshot shows the same "Data Entry" page, but with a different layout. The left sidebar is now a solid grey block. The main content area contains three sections:

- Required Documents**: Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.
- Data Finalization**: Please be sure that your data has been completed before finalization. After you finalize, any change of your data will be prohibited.
- Choose your courses/program**: Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

At the bottom of the page, there is a footer: "Penerimaan Mahasiswa Baru © 2021 Direktorat Pendidikan ITB".

First, provide your personal data in the “Personal Data” tab

Web Penerimaan Mahasiswa ITB Layanan Tiket Logout

### Data Entry

**Basic Data**

Selection Number  
[Input Field]

Name  
[Input Field]

Email  
[Input Field]

**Personal Data**

Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

**Address**

Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

**Current/Latest Education**

Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

**Required Documents**

Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

<https://admission.itb.ac.id/registration/nonreguler/biodata>

Web Penerimaan Mahasiswa ITB Layanan Tiket Logout

### Biodata

**Personal Data**

Selection Number \*  
[Input Field]

Full Name \*  
[Input Field]

Gender \*  
[Dropdown Menu]

Date of Birth \*  
mm/dd/yyyy [Calendar Icon]

City of Birth \*  
[Dropdown Menu]

Place of Birth \*  
[Input Field]

Nationality \*  
[Dropdown Menu]

National Identification Number (NIK)/Passport Number (for Foreign Nationals)  
(or Passport Number for Foreign Nationals) \*  
[Input Field]

Save Back

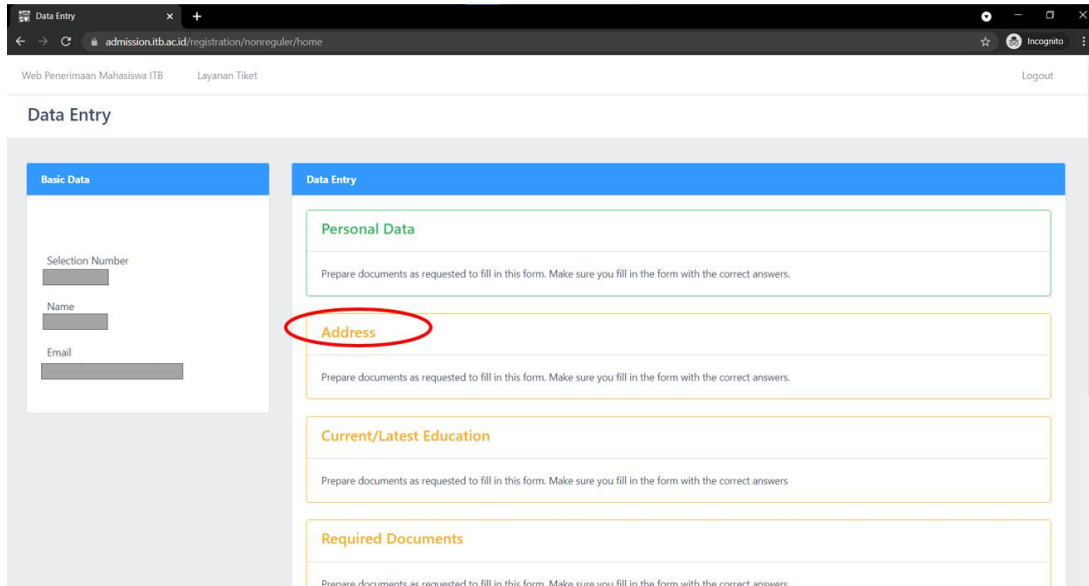
For foreigners, please choose “.OVERSEAS” for your City of Birth and if you don’t have a passport please provide your national id number instead.

City of Birth \*

. OVERSEAS

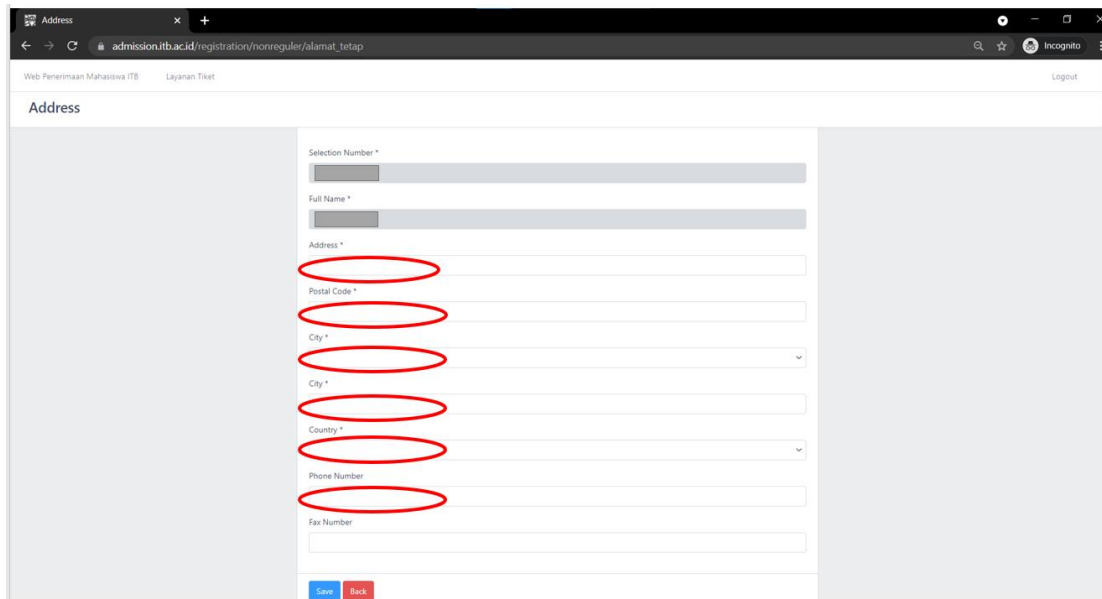
Remember to click “Save” after completing the form and click “back” to return to the main menu

After completing the “Personal Data” tab, go to the “Address” tab. (Note that the tab you have successfully completed will turn from yellow to green).



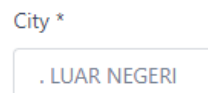
The screenshot shows a web browser window with the URL `admission.itb.ac.id/registration/nonregular/home`. The page title is "Data Entry". On the left, there is a sidebar with a "Basic Data" tab. The main content area has a "Data Entry" header and four tabs: "Personal Data" (green), "Address" (yellow), "Current/Latest Education" (yellow), and "Required Documents" (yellow). The "Address" tab is circled in red.

Fill in your **Address, Postal Code, City, Country,** and **Phone Number**. Fax number is not mandatory.



The screenshot shows the "Address" form with the following fields: Selection Number \*, Full Name \*, Address \*, Postal Code \*, City \*, City \*, Country \*, Phone Number, and Fax Number. The Address, Postal Code, City, Country, and Phone Number fields are circled in red. At the bottom, there are "Save" and "Back" buttons.

For foreigners, please choose “.LUAR NEGERI (OVERSEAS)” for your City



The image shows a close-up of the "City \*" dropdown menu. The selected option is ". LUAR NEGERI".

Remember to click “Save” after completing the form and click “back” to return to the main menu.



Then, continue to the “Current/Latest Education” tab.

The screenshot shows the 'Data Entry' page with the following sections:

- Address:** Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers. Last update : 2021-06-22 15:14:25
- Current/Latest Education:** Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers. (This tab is circled in red)
- Required Documents:** Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.
- Data Finalization:** Please be sure that your data has been completed before finalization. After you finalize, any change of your data will be prohibited.
- Choose your courses/program:** Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

Please provide your current or latest education.

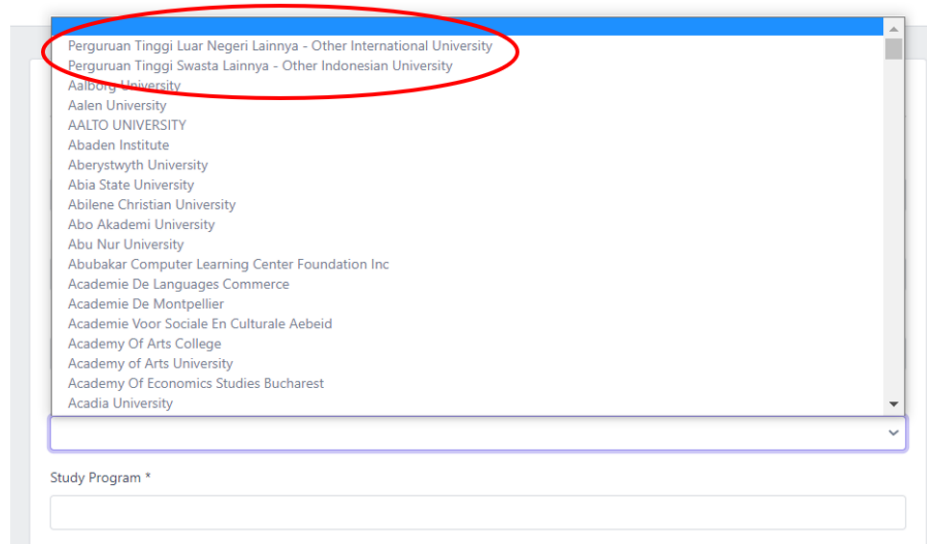
The 'Current/Latest Education' form includes the following fields:

- Selection Number \*
- Full Name \*
- Degree \* (circled in red)
- University \* (circled in red)
- Study Program \* (circled in red)
- Student Identification Number
- Date of Enrollment (mm/dd/yyyy)
- Date of Graduation/Expected Date of Graduation (mm/dd/yyyy)

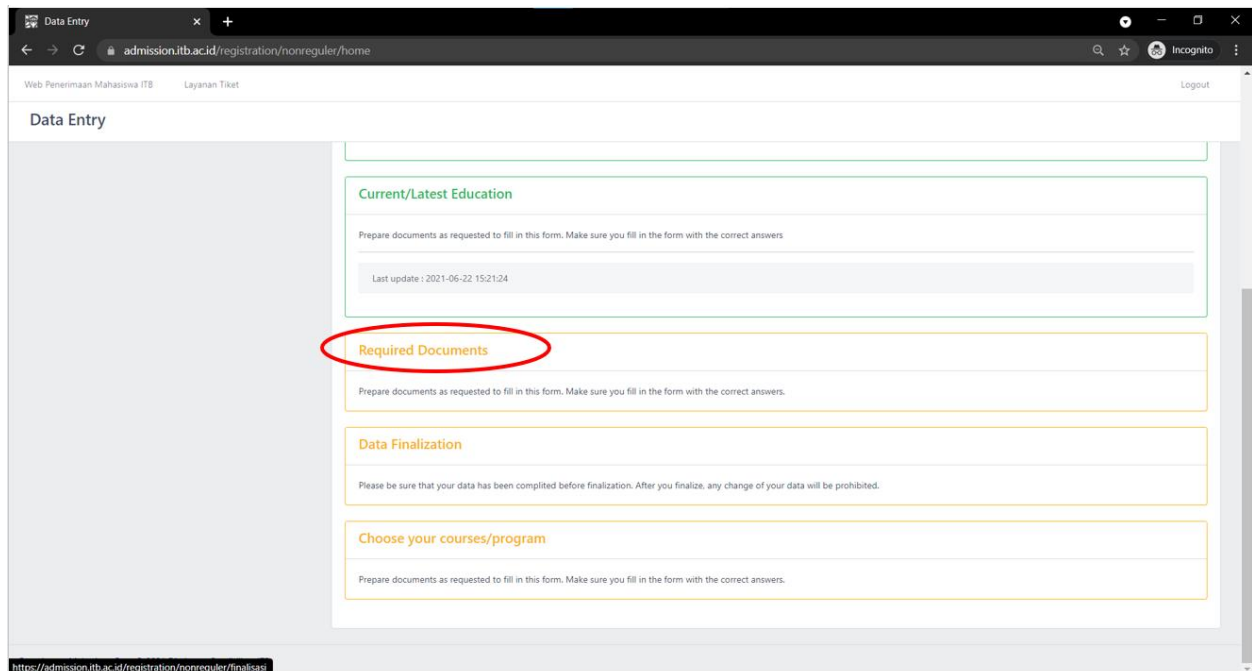
Buttons: Save, Back

Footer: Penerimaan Mahasiswa Baru © 2021 Direktorat Pendidikan ITB

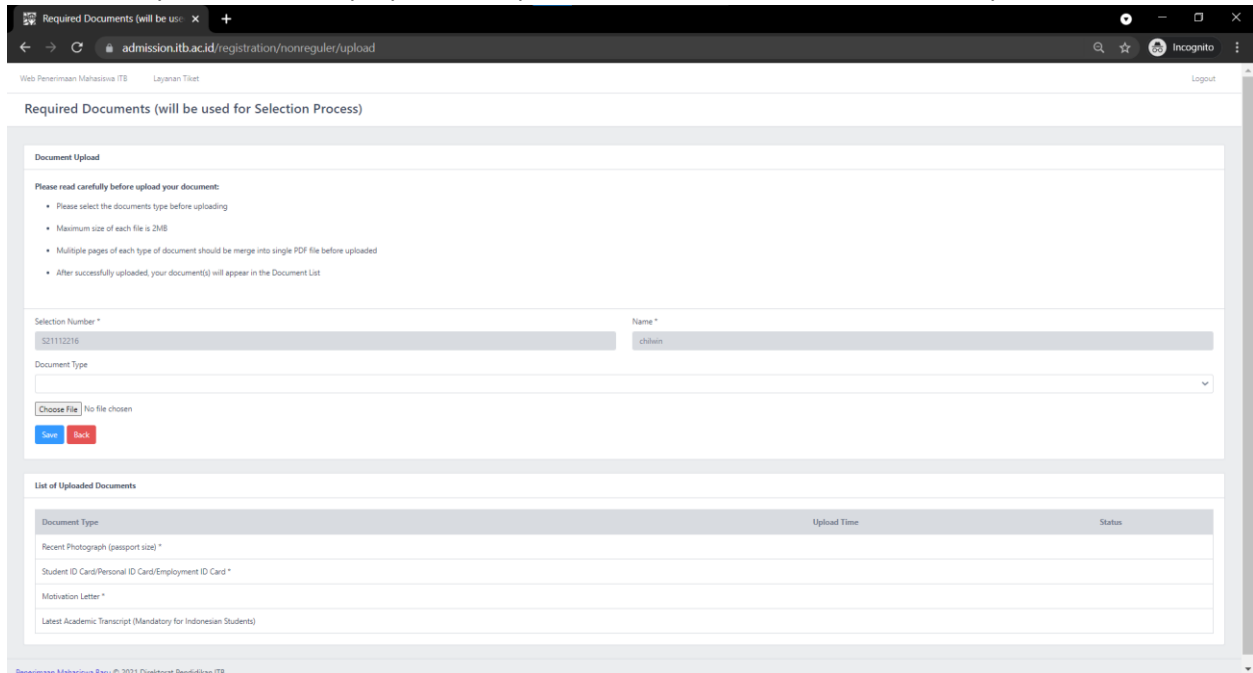
If your university is not listed at the “University” drop down fill-in answer. Please choose “Other international university” for overseas university or “other Indonesian University” for Indonesian university.



Remember to click “Save” after completing the form and click “back” to return to the main menu. Then, continue to the “Required Documents” tab.



Notice, that you will have to prepare and upload four documents for the selection process



Required Documents (will be used for Selection Process)

**Document Upload**

Please read carefully before upload your document:

- Please select the documents type before uploading
- Maximum size of each file is 2MB
- Multiple pages of each type of document should be merge into single PDF file before uploaded
- After successfully uploaded, your document(s) will appear in the Document List

Selection Number \*  Name \*

Document Type

No file chosen

**List of Uploaded Documents**

Document Type	Upload Time	Status
Recent Photograph (passport size) *		
Student ID Card/Personal ID Card/Employment ID Card *		
Motivation Letter *		
Latest Academic Transcript (Mandatory for Indonesian Students)		

Penerimaan Mahasiswa Baru © 2021 Direktorat Pendidikan ITB

Recent Photograph (passport size) - FORMAT JPG

Student ID Card/Personal ID Card/Employment ID Card - FORMAT PDF

Motivation Letter - FORMAT PDF

Latest Academic Transcript (Mandatory for Indonesian Students) - FORMAT PDF

The documents mandatory are

1. Your Recent Photograph in .jpg file format
2. Your Student ID card/Personal ID Card if .pdf format
3. A Motivation letter in .pdf format
4. Latest Academic Transcript in .pdf format (only mandatory of Indonesian students)

You can upload your document files by first selecting the Document you want to upload at the “Document Type” drop down menu

Required Documents (will be used for Selection Process)

Document Upload

Please read carefully before upload your document:

- Please select the documents type before uploading
- Maximum size of each file is 2MB
- Multiple pages of each type of document should be merge into single PDF file before uploaded
- After successfully uploaded, your document(s) will appear in the Document List

Selection Number \* S21112216 Name \* chelwin

Document Type

Choose File No file chosen

Save Back

List of Uploaded Documents

Document Type	Upload Time	Status
Recent Photograph (passport size) *		
Student ID Card/Personal ID Card/Employment ID Card *		
Motivation Letter *		
Latest Academic Transcript (Mandatory for Indonesian Students)		

Penerimaan Mahasiswa Baru © 2021 Direktorat Pendidikan ITB

#### Document Type

Recent Photograph (passport size) - FORMAT JPG  
Student ID Card/Personal ID Card/Employment ID Card - FORMAT PDF  
Motivation Letter - FORMAT PDF  
Latest Academic Transcript (Mandatory for Indonesian Students) - FORMAT PDF

Click “Choose File” to upload your document’s file

Selection Number \* S21112216

Document Type Recent Photograph (passport size) - FORMAT JPG

Choose File No file chosen

Save Back

After uploading, remember to click “Save”, and repeat the uploading process for every document.

Note that the maximum size of each file is 2MB, please compress your file first if it exceeds the 2MB limit.

As you upload the files, if it is successfully uploaded, the upload time will appear beside the corresponding document.

List of Uploaded Documents

Document Type	Upload Time		Status
Recent Photograph (passport size) *	2021-06-22 15:37:41	view	delete
Student ID Card/Personal ID Card/Employment ID Card *	2021-06-22 15:34:44	view	delete
Motivation Letter *	2021-06-22 15:35:04	view	delete
Latest Academic Transcript (Mandatory for Indonesian Students)			

After you are done uploading every document, click “back” to return to the main menu. Then, continue to the “Required Documents” tab. (Do not forget to click save for every uploaded document).

Next, go to the “Data Finalization” tab to check and make sure that all of your recorded data is correct.

The screenshot shows a web browser window with the URL [admission.itb.ac.id/registration/nonregular/home](http://admission.itb.ac.id/registration/nonregular/home). The page is titled "Data Entry" and contains several sections for document preparation:

- Address:** Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers. Last update: 2021-06-22 15:14:25.
- Current/Latest Education:** Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers. Last update: 2021-06-22 15:21:24.
- Required Documents:** Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.
- Data Finalization:** Please be sure that your data has been completed before finalization. After you finalize, any change of your data will be prohibited. This section is circled in red.
- Choose your courses/program:** Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

On the left side, there is a sidebar with a selection number and fields for Name and Email, all of which are redacted with grey boxes.

Web Finalization

admission.itb.ac.id/registration/nonreguler/finalisasi

Web Finalisasi Mahasiswa T3 Logout

Data Finalization

Logout

**Biodes**

Personal Data

Selection Number	
Full Name	
Gender	
Date of Birth	
City of Birth	
Place of Birth	
Nationality	
Passport Number for Foreign Nationals	

**Address**

Address

Address	
Postal Code	
City	
Country	
Phone Number	
Fax Number	

**Current/Last Education**

Current/Last Education

University	
Degree	
Study Program	
Student Identification Number	
Date of Enrollment	
Date of Graduation/Expected Date of Graduation	

**Document List**

Document Type	Upload Date	
Recent Photograph (passport size)*	2021-06-22 19:31:41	View
Student ID Card/Personal ID Card/Employment ID Card*	2021-06-22 19:34:44	View

If all of your data are already correct and complete, please check the checkbox for the statement that you agree that the data is correct and original. Then, finally click “Finalization”.

**Statement**

I agree that all the filled data are correct and all uploaded documents are in accordance with the original ones and will not change any data or registration documents after finalizing the application form.

Finalization Back

For the final part, go to the “Choose your courses/program” to choose your desired course to apply.

Web Penerimaan Mahasiswa ITB Layanan Tiket Logout

### Data Entry

email: **alpenglow109a@gmail.com**

Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers

Last update : 2021-06-22 15:21:24

#### Required Documents

Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

#### Summary

Please be sure that your data has been completed before finalization. After you finalize, any change of your data will be prohibited.

Data Finalization : 2021-06-22 15:44:27

**Choose your courses/program**

Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

<https://admission.itb.ac.id/registration/nonreguler/upload>

Find the MDOML 2021 program and click the “info” button at the rightmost part.

Web Penerimaan Mahasiswa ITB Layanan Tiket Logout

### International Virtual Courses

13	115	Microbial Solid State Fermentation Technology for Supporting Circular Economy	FTI	Chemical Engineering	Prof. Tjandra Setiadi	08-06	07-24	<a href="#">open for registration</a>	<a href="#">info</a>
14	IVC21-114	From Data to Agile Decision Making in Digital Era	FTI	Industrial Engineering	Prof. Dr. Ir. Kadasah Suryadi, DEA	2021-07-26 until 2021-08-06	2021-06-15 until 2021-07-23	<a href="#">open for registration</a>	<a href="#">info</a>
15	IVC21-112	Mechatronic & Robotics	FTI	Instrumentation and Control	Dr. Aulgie Widoyotatmo	2021-07-24 until 2021-08-06	2021-06-15 until 2021-07-21	<a href="#">open for registration</a>	<a href="#">info</a>
16	IVC21-111	Sensor Technology in the Era of Industry 4.0 and IoT: From Principle to Applications	FTI	Engineering Physics	Prof. Brian Yulianto	2021-07-05 until 2021-07-09	2021-06-15 until 2021-07-02	<a href="#">open for registration</a>	<a href="#">info</a>
17	IVC21-101	International Summer Course on Multidisciplinary Optimization and Machine Learning for Engineering Design Applications	FTMD	Aeronautics and Astronautics	Pramudita Satria Palar,	2021-07-19 until 2021-08-05	2021-06-15 until 2021-07-16	<a href="#">open for registration</a>	<a href="#">info</a>
18	IVC21-100	International Virtual Summer Course on High Speed Train Transport	FTMD	Mechanical Engineering	Rachman Setiawan	2021-06-14 until 2021-07-12	2021-01-01 until 2021-01-01	<a href="#">closed</a>	<a href="#">info</a>
19	IVC21-135	Air Pollution Monitoring & Environmental Impact of Tropical Forest and Peatland Fire (APMEI 2021)	FTSL	Environmental Engineering	Dr. Adyati Pradini Yudison	2021-08-02 until 2021-08-26	2021-07-15 until 2021-07-30	<a href="#">will be open soon</a>	<a href="#">info</a>
20	IVC21-134	Tropical Coastal Zone Development with ENHANCE (TROCOZ 2021)	FTSL	Ocean Engineering	Dr. Alamsyah Kumiawan	2021-08-02 until 2021-08-26	2021-06-15 until 2021-07-30	<a href="#">open for registration</a>	<a href="#">info</a>
21	IVC21-142	Introduction of volcano seismology using recent technology	FTTM	Geophysical Engineering	Dr. Zulfakriza	2021-08-09 until 2021-08-20	2021-06-15 until 2021-08-06	<a href="#">open for registration</a>	<a href="#">info</a>
22	IVC21-143	Improved oil Recovery	FTTM	Petroleum Engineering	Silvia Devi Rahmawati, Ph.D.	2021-07-26 until 2021-08-06	2021-06-15 until 2021-07-23	<a href="#">open for registration</a>	<a href="#">info</a>
23	IVC21-141	Introduction of CCUS for Asia-Oceania Region	FTTM	Geophysical Engineering	Dr. Mohammad Rachmat Sule	2021-07-26 until 2021-08-06	2021-06-15 until 2021-07-23	<a href="#">open for registration</a>	<a href="#">info</a>
24	IVC21-144	Sustainable Process Metallurgy	FTTM	Metallurgical Engineering	Dr. Imam Santoso	2021-07-26 until 2021-08-06	2021-06-15 until 2021-07-23	<a href="#">open for registration</a>	<a href="#">info</a>
25	IVC21-123	SAPPD SummerCamp 2021: Planning and Designing Cities for All	SAPPK	Regional and City Planning	Dr. Ninik Suhartin	2021-08-20 until 2021-09-11	2021-06-15 until 2021-08-17	<a href="#">open for registration</a>	<a href="#">info</a>

You should be able to see the course detail, and click “apply” to apply for the course

IVC21-101

admission.itb.ac.id/registration/pembayaran/ivc/IVC21-101

Web Penerimaan Mahasiswa ITB Layanan Tesis Logout

### IVC21-101

International Summer Course on Multidisciplinary Optimization and Machine Learning for Engineering Design Applications

Courses Activity	
Faculty	FTMD
Study Program	Aeronautics and Astronautics
Registration Schedule	2021-06-15 s.d 2021-07-16
Courses Schedule	2021-07-19 s.d 2021-08-05
Person in Charge	Pramudita Sabita Palat
Courses Description	In the age of data, mastery of optimization for engineering design has never been more important than today. The dawn of machine and statistical learning has also enabled a more efficient data-driven optimization by allowing optimization techniques to rapidly discover important design insight and knowledge from data. The interplay between computer simulations, experimental data, and data-driven methods is now one of the building blocks of modern engineering practice. Fluency in data science, analysis, and machine learning is then becoming an important skill that must be possessed by practitioners and researchers in design optimization to take advantage of the abundant amount of data. Realized the need for a concise introduction to design optimization taught within a university setting. The Faculty of Mechanical and Aerospace Engineering at Institut Teknologi Bandung, in collaboration with Tohoku University (Japan) and The Hong Kong University of Science and Technology, plans to organize the first summer course on "Multidisciplinary Optimization and Machine Learning for Engineering Design Applications" in July or early August 2021. The summer course is aimed at graduate students or upper-level undergraduate students who want to understand the theory and apply engineering optimization methods in practice. The course will cover the introduction, important topics, and practical aspects of optimization and machine learning for engineering design.
Academic Partners	The Hong Kong University of Science and Technology Tohoku University
ITB Lectures	Pramudita Sabita Palat, Ph.D. Livi Rizki Zubair Ph.D.
Foreign Lectures	Rhea Patricia Liem (HKUST, Hong Kong) Rhea Patricia Liem (HKUST, Hong Kong) Hemant Kumar Singh (UNSW, Australia) Luca Panerai (University of Trieste, Italy) Joseph Morlier (SUPAERO, France) Rommel Regis (St. Joseph's University) Nathalie Bartoli (ONERA, France) Koji Shmoyama (Tohoku University, Japan)

**Registration**

Please read the detailed information about courses activity carefully

To continue your registration process, please click the **Apply** button

After clicking "Apply" go back to the main menu by "Back" and you should check and see if all of your tabs (**Personal Data, Address, Current/Latest Education, Required Documents, Summary, and Choose your courses/program**) are already completed by the green color indication.

Data Entry

admission.itb.ac.id/registration/nonreguler/home

Web Penerimaan Mahasiswa ITB Layanan Tesis Logout

### Data Entry

**Basic Data**

**Data Entry**

**Personal Data**

Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

Last update: 2021-08-22 11:02:22

**Address**

Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

Last update: 2021-08-22 11:14:25

**Current/Latest Education**

Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

Last update: 2021-08-22 11:21:34

**Required Documents**

Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

**Summary**

Please be sure that your data has been completed before finalization. After you finalize, any change of your data will be prohibited.

Data Finalization: 2021-08-22 15:44:27

**Choose your courses/program**

Prepare documents as requested to fill in this form. Make sure you fill in the form with the correct answers.

Congratulations, you have completed the registration.



