

BUKU PANDUAN



IMPULSE^{ITB} 2018

OBLITERATE THE STATUS QUO
THE FUTURE STARTS NOW

WITH

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#DijaminOri

TECHNOLOGICAL DISRUPTION IN MODERN
INDUSTRY REVOLUTION

INNOVATIVE ESSAY COMPETITION



MEDIA PARTNER :



SPONSORS:





PREFACE

Indonesia is a country that has natural, material, biological, and other potential resources. On the other hand this country is still experiencing backwardness in various fields, or often referred to as the paradox or resource curse phenomenon. Based on data from the United Nations Development Program, Indonesia has a human development index of 0.689 or ranked 113 in the world. This shows that the quality and potential of large natural resources are not directly proportional to the quality of the Indonesian population.

Meanwhile, Indonesia will get a demographic bonus in 2030. Thus two decades can become a crucial moment to realize Indonesia's great ideals, especially in the big industrial revolution. In this case, an important role is played by youth, especially high school students and students in the fields of science and engineering.

Realizing the things above, IMPULSE as an event from the ITB Electrotechnical Student Association (HME) was again present. This competition aims to provide a place for young people to express innovative ideas and be critical of the conditions around them. Through this activity, we hope that the younger generation is encouraged to move to build the nation, especially in the era of modern industrial revolution.

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Terms and Conditions

A. Theme

The Impulse Competition in 2018 will carry the theme:

"Disruption of Technology as the Answer to the Modern Industrial Revolution"

The theme will be divided into 6 topics that can be chosen by participants, namely:

1. *Electrical & Mechanical*
2. *Infrastructure*
3. *Information Technology*
4. *Energy*
5. *Bioengineering*
6. *Industrial & Management*

B. Participant Provisions

1. The participant is an undergraduate student / equivalent student with a maximum age of 27 years
2. Participants are individual or groups with a maximum number of members of 2 people
3. One team may have cross-faculty members in the same university
4. Participants fill in the biodata on the form that the committee has prepared at the website address www.impulse-itb.com
5. Participants choose one of the sub-themes at the website address www.impulse-itb.com
6. Participants upload essay and statement sheets in the format IECIMPULSEITB2018_ [Subtheme] _ [Name of Chair] _ [Origin of the University] _ [Title] on the website www.impulse-itb.com
7. Participants are allowed to send more than one title and they can only be finalists in one title

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8. Participants pay the registration fee at the time and amount as follows:
 - January 1st 2019 – January 31st 2019 : Rp 120.000,00 / Title to account number: 0302941264 (BNI) in the name of Firdaus Wahyu Nugroho
9. Participants confirm payment by uploading proof of payment on the registration form on the website www.impulse-itb.com
10. Participants must like all posts on Instagram and line @impulseitb and upload IMPULSE Competition posters on their personal Instagram account then upload proof of post on the registration form on the website www.impulse-itb.com. Procedure for uploading posters are as follows:
 - Poster can be downloaded at : <https://bit.ly/posterIMPULSEITB2018> or <https://impulse-itb.com/assets/poster.png>
 - Tag Instagram @impulseitb and 10 of your friends
 - Write these captions :

I, ... dare to challenge my self through the elevation as a young generation with "Technology Disruption as a Answer to the Modern Industrial Revolution".

I am ready to develop myself in the opportunity to publish our work! How about you?

Register now at www.impulse-itb.com,

follow also Instagram and the @impulseitb line to get more information!

#IMPULSEITB2018 #ITB #THEFUTURESTARTSNOW

C. Requirements

- a. General requirement

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- All forms of fraud will receive sanctions from the committee
 - The decision of jury is absolute and cannot change
 - May not use words that contain SARA (Ethnic, Religion and Race)
- b. Ketentuan Penulisan
- A maximum of 7 pages that are included with the cover (not including validation sheets and attachments).
 - Cover on the first page must include the name of the team and the name of the team members
 - The essay works have never been uploaded / used in other events
 - Each page must be given a page number on the bottom right

D. Technical specifications

- Language : Indonesia/English
- Font Type : Times New Roman / 12
- File Type : pdf
- Page margin and alignments
 - Left : 4 cm
 - Top, bottom, right : 3 cm
 - Line spacing : 1.5
 - Paper size : HVS A4
 - Paper orientation : Portrait

E. Content Specifications

Content :

- Cover title (example attached)
- Statement sheet (example attached)
- Essay contents
- Literature review
- Appendix

F. Timeline of Essay Competition

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1. Early bird registration : November 15th 2018- December 31st 2018
2. 2nd Round Registration : January 1st 2019 – January 31st 2019
3. Announcement of winners through all IMPULSE social media in 28th February 2019

G. Prizes

- 1st Champion
 - Cash money Rp 5.000.000,-
 - Certificate of award
- 2nd Champion
 - Cash money Rp 3.000.000,-
 - Certificate of award
- 3rd Champion
 - Cash money Rp 1.000.000,-
 - Certificate of award

* Prizes will be sent directly to the winner's address after the announcement

Scoring

Essay Competition

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No	Kriteria Penilaian	Parameter Penilaian	Bobot (%)
1	Compatibility of Writing Format	<ul style="list-style-type: none"> Writing : Form the paragraph, the standard word according to KBBI Presentation: writing systematics, accuracy and clarity of expressions, good and correct standard language, communicative and easy to understand 	10
2	The originality of the work and the interesting titles	The author's originality in terms of ideas and arguments and how attractive the title is	20
3	Argumentation	<ul style="list-style-type: none"> Relevance of data and information referenced by the description of the writing Data and information accuracy and integrity Structure of thought Ability to analyze and solve problems 	50
4	The benefits of the solution produced	<ul style="list-style-type: none"> The workability of the idea Impacts produced 	10
5	Theme suitability		10

INNOVATIVE ESSAY COMPETITION IMPULSE ITB 2018

[TITLE]

MEDIA PARTNER :



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IMPULSE ITB
2018

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[LOGO IMPULSE]

[logo can be downloaded at : : <https://bit.ly/logoIMPULSEITB2018> or <https://impulse-itb.com/assets/logo-essay.png>]

Oleh:

Name/Student Number

Name/Student Number

[Study Program]

[Faculty]

[UNIVERSITY]

2018

Statement Sheet

INNOVATIVE ESSAY COMPETITION

The undersigned below;

Nama of Chair :

MEDIA PARTNER :



SPONSORS:





Student Number :
 Study Program/Faculty :
 University :
 Address :

We hereby declare that the paper with the title, [insert title] that we included in [INNOVATIVE ESSAY COMPETITION] is true the work of [my / our group], not a plagiarism or adaptation of other people's writings and has never won a similar competition. If later this statement is not true, I am willing to accept the sanctions set by the ITB 2018 IMPULSE committee in the form of disqualification from the competition.

Thus this statement is made truthfully without any element of coercion, to be used properly.

[Place], [Date]

[stamp]

Full name

Student number

MEDIA PARTNER :



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