



**International Youth  
Invention and Innovation  
Award**

# GUIDE BOOK

## International Youth Invention and Innovation Award

**Organized By :**

**Supported By :**



# BACKGROUND

Each generation has its own uniqueness to create something new. The uniqueness that is owned is expected to be able to make something according to their needs. In the current era, the millennial generation is a generation that has creativity and has the creativity and strong initiatives that are able to produce something. These inventions are expected to make it easy for the next generation to use the inventions that have been created by the current generation as solutions in the future.

IYSA as an institution that is concerned with education and young researchers who can carry out innovation and invention activities to solve problems in society. It is not only new to the mind (cognitive), but also new because it cannot be widely accepted so that there is progress in civilization. That is why. IYSA has some national and international invention, innovation and science project competitions. Through these activities students from elementary, secondary and university participated by presenting their project in front of the judges.

In collaboration with Yogyakarta State University, IYSA will hold an international-level standard Invention and innovation competition entitled "International Youth Invention and Innovation Awards ( IYIIA) "as an appropriate learning platform to foster our young generation.

# OBJECTIVES

1. Making innovation events to develop the creativity spirit in international students.
2. Developing the skills of scientific research and the spirit of innovation among international students.
3. Exchanging innovation and invention experiences through friction between students around the world.
4. Giving appreciation and awarding to all inventors, innovators and for all who contributed for our better world through invention, innovation and science projects events.

# TIME SCHEDULE

(FOR ONLINE AND OFFLINE COMPETITION)

Registration Deadline

July 16, 2021

Requirement Deadline

July 20, 2021

Payment Deadline

July 26, 2021

Opening Ceremony

August 17, 2021

Judging Session

August 18-20, 2021

Awarding

August 21, 2021

Registration participant filling to web  
**[www.iysa.or.id](http://www.iysa.or.id)** or **[www.iyiia.or.id](http://www.iyiia.or.id)**  
(<http://bit.ly/REGISTRATION-IYIIA-2021>)

## PLACE

Universitas Negeri Yogyakarta, Jl. Colombo Yogyakarta  
No.1, Karang Malang, Caturtunggal, Kec. Depok,  
Kabupaten Sleman, Daerah Istimewa Yogyakarta 55281

# REGISTRATION FEE

## INTERNATIONAL PARTICIPANT

**Offline** 300 USD/ Team

**(Include : Certificate, Booth, Medals)**

**Online** 30 USD/ Team, e-Certificate

Payments are made by transfer through the following committee

Bank	: Mandiri
Branch	: ATC Parung, Bogor
Bank Code	: 008
Postal Code	: 13326
No. Account	: 133-001-629-2971
Swify Code	: BMRIIDJA or BMRIIDJAXXX
Account name	: Perkumpulan Peneliti Belia Indonesia
Address	: Candraloka telaga kahuripan blok AA7/19 RT 003/RW 011 kemang Bogor 16311
Transfer News	: IYIA_2021_Name of Institution_ Leader's Name

## INDONESIAN PARTICIPANT

**Offline** 2.500.000 IDR/ Team

**(Include : Certificate, Booth, Medals)**

**Online** 800.000IDR/Team

**(Certificate and medals)**

Payments are made by transfer through the following committee

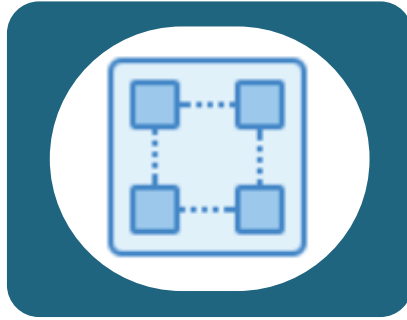
Bank	: Mandiri
No. Account	: 133-00-1867645-2
On Behalf	: Perkumpulan Peneliti Belia Indonesia
Transfer News	: IYIA_2021_ Name of Institution_ Leader's Name



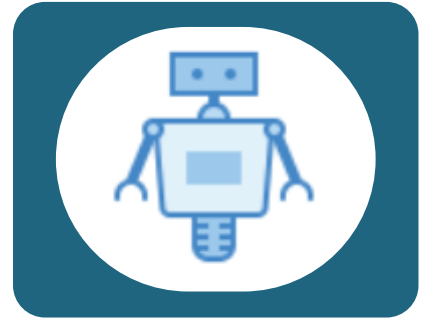
# CATEGORIES



**MATHEMATICS**



**TECHNOLOGY**



**ENVIRONMENT**



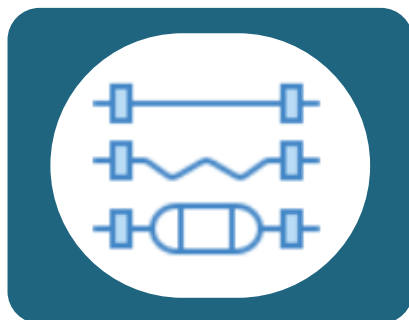
**ENERGY AND  
ENGINEERING**



**LIFE SCIENCE**



**SOCIAL  
SCIENCE**



**PHYSIC**



**EDUCATION**

# GENERAL PROVISION

1. Participant is students (**Elementary, Secondary and university**)
2. Each Team Consist of **Maximum 5 Students**
3. Evaluation will be done in **15 minutes** (7 minutes' presentation and 8 minutes' question and answer question)

## DOCUMENT REQUIREMENTS

### Extended Abstract

#### Extended Abstract Format

- I. Introduction Pages containing background issues, problem detail and motivation
- II. Material and methods Contains material and methods related with the issued.
- III. Discussion Contains a discussion of the issues raised in the paper based on the reference or bibliography from research article, non-research article, book, print media online media, or the media/source of other references related with the issued raised in the paper.
- IV. Closing Contains the conclusion of the discussion that has been describe previously.

**References** A list that contains at least 10 of reference used in the paper.

### Extended Abstract Rules

#### Abstract in English

1. Each scientific paper must not exceed 10 pages excluding cover and references page.
2. Font : Arial (12), line space : 1, margin : 4,3,3,3 (left, right, top, bottom), justify, paper A4
3. Paper is typed by following the correct and proper scientific writing procedures.
4. Extended abstract in PDF and word.

### POSTER FORMAT

1. Poster explaining about the method of the project
2. Poster size is A0
3. Free design, template and colors.

# PRESENTATION FORMAT

1. Presentation are able to be delivered in English (as well as the presentation material in power point format for online competition)
2. Each team has 7 minutes to Present their work and 8 minutes to feedback by the judges. Each team has 15 minutes in front of the jury.
3. Each team must bring the product while presentation.

## AWARDS



**GOLD**

**IYSA SPECIAL AWARD**

**UNY REKTOR AWARD**



**SILVER**

**UNY SPECIAL AWARDS**





**IYSA LACHIEVEMENT  
AWARD**



**BRONZE**

**IYSA GRAND AWARD**

# POSTER LAYOUT

 <p>International Youth Invention and Innovation Award</p>	<b>FLAG</b>	
  <p>IYSA Indonesian Young Scientists Association</p>	<b>COUNTRY OF ORIGIN</b> <hr/> <b>PROJECT TITLE</b>	 
<b>INTRODUCTION</b>		<b>METHODE</b>
<b>DATA AND DISCUSSION</b>	<b>CONCLUSION</b>	
<b>RECOMMENDATION</b>		
<b>REFERENCES</b>		

# Extended Abstract Example

## Extended Abstract

### Promotional Strategies For Tourism Through "Jejak Nusantara" Game In Efforts To Recognise Local Tourism In The East Java Province During The Covid-19 Pandemic

Adji Yoga Pratama, Selviyana Ayu Wanda, Luisia Amanda Pramesti, Chindy Martha Chairutullah, Fadya Fitri Kirana

Advisor : Elan Frido Rinda, S.pd

SMA NEGERI 1 KEPANJEN

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## Abstract

It is hoped that the development of tourism will benefit communities, since the tourism sector is one of the economic development sectors. Tourism activities are one of the non-gas sectors that are expected to contribute significantly to the country's economy. Indonesia tourism development is based on the principles of sustainable tourism primarily for its greatest potential in marine and cultural tourism. Local wisdom is the soul of Indonesia's diverse cultural identity and can be used as an innovation in sustainable tourism development combined with the potential for Marine tourism. But since the corona virus outbreak in Indonesia in mid-march 2020, governments have shut down access to access and out of lockdown to prevent further outbreaks. This has certainly impair the economic performance of a region especially in the field of tourism industry. Given the process of propagating the corona virus so rapidly, governments have developed a normal new policy to restore languished economies in a period of lockdown. Despite the upswing of new normal, most of the local tourist sector remained weakened. Looking at some of these problems researchers want to create an innovation to help boost the economy especially in the field of tourism in the form of promotions for tourism through interactive games. It uses quantitative research methods, the data in the study is taken using distribution of questionnaire and interviews to specialized experts. The study is hoped to provide an opportunity to boost local tourism sectors in the eastern province of Java.

**Keyword:** *local tourism, jejak nusantara, covid-19*

## Introduction

Indonesia as a country with thousands of islands, various natural beauties and a population consisting of hundreds of ethnic groups, actually has great potential for natural, social and cultural tourism. The potential and existing natural resources can be developed into attractive tourist

objects. Most of these natural resources have been utilized and developed into several tourist objects. Tourism is an activity to take a trip that aims to get pleasure, seek satisfaction, know something, improve health, enjoy sports or rest, fulfill duties, make pilgrimages and other purposes (James J. Spillane, 1982). In

# CONTACT



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