

## ABOUT BASE

Producing great quality graduates in Digital Era of Industrial Revolution 4.0 (IR 4.0) are the commitment of BINUS UNIVERSITY Indonesia and ASO College Group Japan through the undergraduate program establishment of BINUS ASO School of Engineering (BASE).

During 4 years undergraduate program, those graduates are equipped with balance of BASE's soft skills and hard skills. Both skills are deemed important for great quality graduates to implement technical skills in escalating IR 4.0's competition industrial landscape; and to climb corporate ladder or to be successful business person with its problem solving competencies for sustainability purpose.

Links with Japanese Industries for Internships and Careers

International Curriculum with a Strong Emphasis on Hands-on Experience

Attain the Competencies Required for Your Work Life

Adopts the Characteristics of Japanese People

Highly Qualified Lecturers (Including Lecturers from Japan)

Sophisticated Facilities

Special Study Program in Japan

Bilingual Course Delivery with Japanese Language Course Supplements

## WHY BASE

# BINUS ASO SCHOOL OF ENGINEERING

## STUDENT TESTIMONY



**Stevany (ARE)**

"BINUS ASO is the right place for me to learn how to become more intelligent, not just in an academic sense but also in my attitude. The independent sessions are very helpful to express my creativity in doing my projects."



**Rayhan Zufar Musyaffa (PDE)**

"I enjoy studying in the Product Design Engineering - BASE program. I am trained to continue to innovate and turn my ideas into products that are not only beautiful but also functional. Besides that, I can also channel my hobbies to support the products I make. This program is the right foundation for my desires and hobbies, because for me, everything is a product."

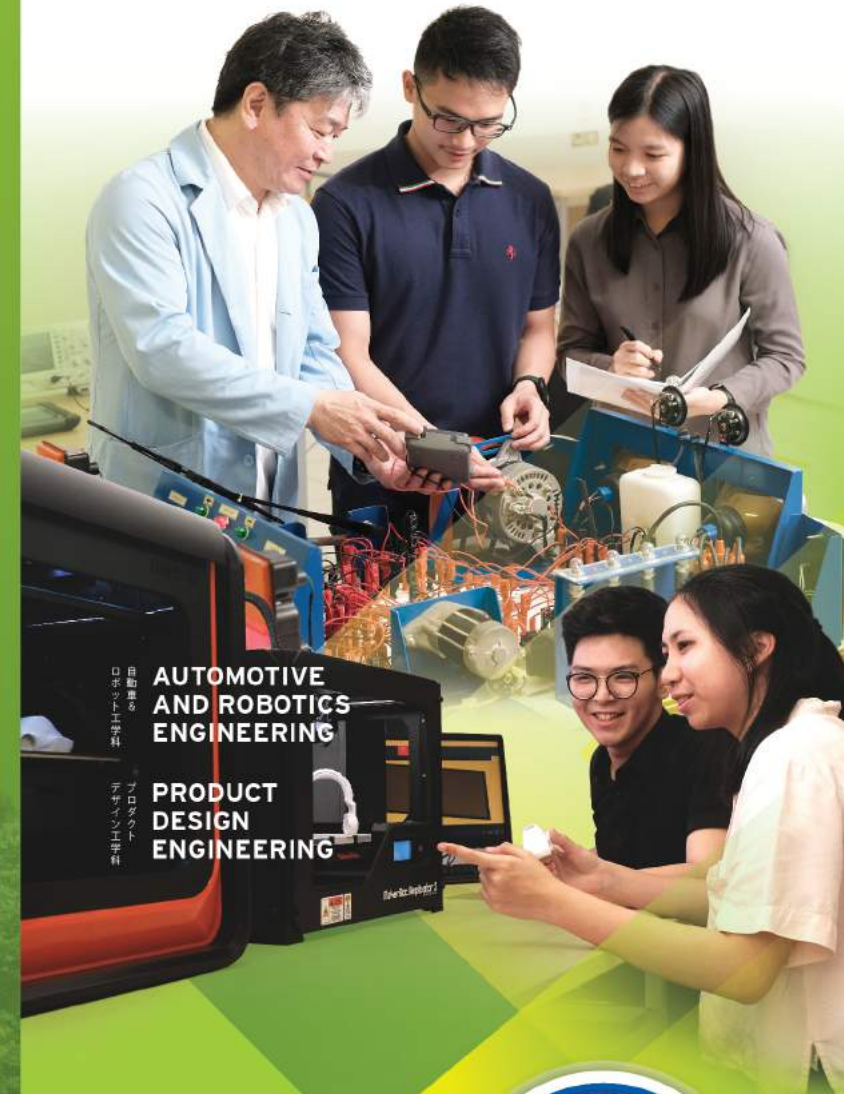
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**BINUS ASO**  
 SCHOOL OF ENGINEERING

**SHAPES YOU TO BECOME A SKILLFUL ENGINEER WITH JAPANESE QUALITY**  
 熟練したエンジニアになるために、日本のクオリティであなただを育てます。



Get a Scholarship of  
**116 MILLION**  
 (4 years)

For the 2021/2022 Period

[base.binus.ac.id](http://base.binus.ac.id)

## PRODUCT DESIGN ENGINEERING

Product Design Engineering (PDE) provides its stakeholders with the ultimate product design engineering's prioritizing outcome toward the human-centered and the sustainability of the product within realistic constraint.

Those priorities are aligned with the Industrial Revolution 4.0 (IR 4.0) within the Indonesia as local wisdom, known as Making Indonesia 4.0. PDE in Binus Aso School Engineering (BASE) integrates the mentioned Making Indonesia 4.0 with Japanese wisdom of Society 5.0. In wider perspective, PDE in BASE generates holistic approach of Breakthrough, Agility, Sustainability and Empowerment.

### CAREER PROSPECTS:

1. Industrial Engineering in Manufacturing and Service Industries
2. Product Design Engineering Consultant
3. Automotive and Parts Designer
4. Industrial Design Engineer
5. Simulation Analyst
6. Entrepreneur



## AUTOMOTIVE AND ROBOTICS ENGINEERING

Automotive Robotics Engineering (ARE) Program provides comprehensive approaches in developing students' excellent abilities within Digital Era that are implemented in wide spectrum of Intelligent Automotive Industries. ARE program is in front runner and prioritizing the implementations through Artificial Intelligence (AI).

Those abilities are facilitating ARE Students to analyze, design and build mechanical and automated electronic systems for automotive subsystems and manufacturing processes using design tools used in global industries today. Subsequently, those abilities are indispensable for students to be excellent in professional and/or entrepreneurship posterior their graduation from BINUS ASO School of Engineering (BASE). Ultimately, the aforementioned abilities are aligned with current and incoming challenges in Digital Era of Industry 4.0; that include the design and development of mechanical systems with 3D tools, computerized electronic systems, intelligent automotive systems, and intelligent robotic systems for automation in various industries.

### CAREER PROSPECTS:

1. Automotive Automation Engineer
2. Automated Driving Engineer
3. Vehicle System Integration Engineer
4. Automotive Electronic Test Engineer
5. Industrial Robotics Integration Engineer
6. Automation-based Solution Engineer
7. Intelligent Embedded System Designer
8. Technopreneur

### TUITION FEE

<b>Fixed Tuition Fee</b> (Paid Every Semester):	Rp 11.500.000,-
<b>Variable Tuition Fee</b> (20 x Rp 1.800.000,-):	Rp 36.000.000,-
<b>Lab Fee</b> (Paid in 1 <sup>st</sup> - 4 <sup>th</sup> Semesters):	Rp 2.625.000,-
<b>Equipment Fee</b> (Paid Once):	Rp 10.500.000,-
<b>Development Fee</b> (Paid Once):	Rp 24.000.000,-
<b>Total Payment</b> (1 <sup>st</sup> Semester):	<b>Rp 84.625.000,-</b>

### HIGH SCHOOL REQUIREMENT

Programs	Requirement
Automotive & Robotics Engineering	SMA (Science), SMK*
Product Design Engineering	

\* SMK Details : Technology, Computing, and Engineering (other majors will be reviewed)

### GENERAL REQUIREMENTS

- Registration Form Fee of Rp 600.000,-
- Legalized Copy of the Student's Report
- Two 3x4 Photographs
- Pass the BASE Entrance Test

### ENTRANCE TEST

- Aptitude Test
- BASE English Proficiency Test