

Curriculum Vitae

Muhammad Yunus Fadilah (24)

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SUMMARY

I am a Bachelor of Mechanical Engineering graduate from Nusa Putra University, I am interested in the field of materials and manufacturing. My Final GPA is 3.73 /4.0. I am active in academic and non-academic campus activities.

EXPERIENCE

PT Sarandi Karya Nugraha – Sukabumi

Production Division – Ministry of Manpower Hub Internship December 2025 – June 2025

- Controlling and monitoring production activities, ensuring procedures for using production machines and equipment, ensuring production activities run according to plan, developing competence, proposing work instructions for machines and equipment.
- Reporting ongoing production progress to the Division Head or Manager, Evaluating the actual process time for each Division based on the Work Card.

Mechanical Engineering Laboratory – Sukabumi

Laboratory Assistant – Measurement and Metrology October 2024 – December 2024

- Responsible for spring balance sheet practicum.
- Responsible for Dial indicator practicum.
- Responsible for Practical Vernier Calipers and Micrometers.

Laboratory Assistant – Electrical and Magnetic Physics

May 2024 – July 2024

- Responsible for Series Circuit practicum.
- Responsible for Paraller Circuit practicum.

Cisolok Village Community Service Program - Sukabumi

Group leader – KKN Group February 2024 – March 2024

- In education, we created a library at SDN Gunung Geulis and provided a mobile library before there was a library at school.
- At MSMEs we introduce wood crafts to the community and introduce the marketing process that exists today.
- Environmental health, making waste burning devices (incinerators) because the population is dense and there is no place to throw rubbish which makes people throw rubbish into the river.
- Create work programs that are needed by the community, including focusing on education, MSMEs and environmental health.

PT. Azaki Reindo Manufacturing – Sukabumi

Production Operator – Internship August 2023 – September 2023

- Assisting in the Boiler Making process for boiling tempe from cutting the ingredients, Assisting with polishing, coating process to the testing process.
- Create a company profile and marketing media from tools and machines made at PT Azaki Reindo Manufaktur.

MBKM Teaching Campus 05 – Brebes

Group leader – SDN 01 Dukuhlo February 2023 – July 2023

- Helping the school increase student interest in literacy, numeracy and technology adaptation at elementary school 01 Dukuhlo.
- Create a work program to increase student interest in numeracy literacy and technology adaptation at elementary school 01 Dukuhlo.

PT Sarandi Karya Nugraha – Sukabumi

Production Division – Field work practices January 2020 – March 2020

- Develop competence, Report ongoing production progress to the Division Head or Manager.

EDUCATION

Nusa Putra University – Sukabumi <i>Bachelor's Degree in Mechanical Engineering; Graduation GPA 3.73/4.0</i>	Sep 2021 – Sep 2025
• Participate as a Presenter of the international seminar ICONTENTION: International Conference on Consumer Technology and Engineering Innovation 2023. [Pdf] • Participate in the international seminar ICONEXION: International Conference and Exhibition On Visual Communication Design 2023. [Pdf] • Participate in the international seminar ICLAPH: International Conference On Law Public Policy and Human Rights 2023. [Pdf] • Participate in the international seminar ICEMAC: International Conference On Economic Management and Accounting 2023. [Pdf] • Participated in the international seminar ICEHOS: International Conference On Education Humanities and Society; Science 2023. [Pdf] • Participate in the international seminar ICCED: International Conference On Computing Engineering and Design 2023. [Pdf] • Participate in the mechanical engineering seminar: Manufacturing, Energy and materials (STIMER) 2022 with the theme "Innovation and Technology in Manufacturing, Materials and Energy Conversion to Develop National Industry". [Pdf] • Participated in the Mechanical Engineering Workshop with the theme "Introduction to Openfoam Software to solve problems related to fluid mechanics 2023". [Pdf] • Participated in the Civil engineering seminar: Civil and Environmental Engineering (SENTIL) 2023 with the theme "Development of BOCIMI Toll Road Infrastructure to Support the Progress of Regional Communities in 2023". [Pdf] • Participate in the Management Workshop with the theme "Increasing Financial Literacy 2024". [Pdf]	

Licenses and Certifications

<i>Publication</i>	
Rancangan Insenerator Pembakar Sampah Upaya Menanggulangi Tumpukan Sampah di Desa Cisolok / Waste Burning Incinerator Design Efforts to Overcome Piles of Garbage in Cisolok Village. [Pdf]	
PERFOMANCE ANALYSIS OF ANODIZING PARAMETER VARIATIONS ON THE HARDNESS AND WEAR RESISTANCE OF PROPELLERS MANUFACTURED FROM ALUMINIUM ALLOY SCRAP. [Pdf]	

SMKN 1 Sukalarang High school/vocational school graduate majoring in Mechanical Engineering.	Sukabumi Jul 2018 – May 2021
Mts Nurul Islam (YASNI) Junior High School/MTS graduates or equivalent	Sukabumi Jul 2015 – May 2018
MI Nurul Islam (YASNI) Elementary/MI equivalent graduate	Sukabumi Jul 2009 – May 2015
TP PAUD Melati 6 Kindergarten/RA/PAUD/KOBER graduates equivalent	Sukabumi Jul 2007 – May 2009

ORGANIZATION

Nusa Putra University Engineering Student Association – Sukabumi

Member of the UNSP HMM Supervisory Board *March 2025 – August 2025*

- Oversee the progress of the work program of the HMM management for the 2025 period

Head of the Professional Education Department *Feb 2023 – March 2025*

- Improve the soft skills and hard skills of association members.
- Create and organize a schedule of organizational activities in the professional field.
- Carrying out internal communications within the organization, sending announcements, messages and notifications to association members regarding the profession (mechanical engineering major).

OSIS MPK SMKN 1 Sukalarang – Sukabumi

Chairman of the Student body. *Aug 2019 – July 2021*

Head of Secretariat 2 (section of Noble Character and Noble Morals). *Aug 2018 – July 2019*

PMR Wira SMKN 1 Sukalarang – Sukabumi

Public Relations. *Aug 2019 – July 2021*

Merpati Putih Kolat SMKN 1 Sukalarang – Sukabumi

Secretary of Religion. *Aug 2019 – July 2021*

OSIS MTS Nurul Islam YASNI – Sukabumi

Secretary of Division 8 ICT. *Aug 2015 – July 2016*

Others

Technical:

- MS Office (Word, Excel, Powerpoint) (Intermediate)
- Autodesk Inventor (Basic)
- Autocad (Basic)
- IBM SPSS (Basic)
- Corr Test (Basic)
- Image J (Basic)
- Match 2 (Basic)

Language : Indonesian (Fluent or native language), English (Basic)

Others : Interpersonal skills, Communication, Teamwork, Problem Solving, Critical Thinking.