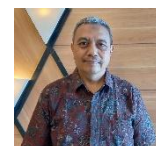


Staff Handbook



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|---|---|---|--|
| Name | <i>Dr. Ir. Yusya Abubakar, M.Sc., IPU.</i> | | |
| Post | <i>Principle of Processing Technology, Coffee Processing Technology, Cocoa and Chocolate Processing, Bioenergy Production Technology, Project and Risk Management</i> | | |
| Academic career | <i>S1 Agro-Industrial Technology</i> | <i>Bogor Agriculture University, Indonesia</i> | <i>1986</i> |
| | <i>S2 Agricultural Engineering – Food and Process Engineering</i> | <i>Auburn University, Auburn, AL, USA</i> | <i>1995</i> |
| | <i>S3 Biological and Agricultural Engineering – Food and Process Engineering</i> | <i>North Carolina State University, Raleigh, NC, USA</i> | <i>2000</i> |
| Employment | <i>Head of Development Unit, Graduate School</i> | <i>USK, Indonesia</i> | <i>2018-Now</i> |
| | <i>Vice Dean IV, Faculty of Agriculture</i> | <i>USK, Indonesia</i> | <i>2012-2016</i> |
| | <i>Head of Department of Agricultural Product Technology</i> | <i>USK, Indonesia</i> | <i>2008-2012</i> |
| | <i>Director of Agricultural Rehabilitation</i> | <i>BRR Aceh-Nias</i> | <i>2005-2009</i> |
| | <i>Lecturer in Department of Agricultural Product Technology</i> | <i>USK, Indonesia</i> | <i>1988-Now</i> |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> <i>Evaluating quality of arabica and robusta coffee harvested from various farm altitude at different region in Aceh/Indonesia</i> <i>Developing coffee agro-forestry system to adapt to climate change and improve farm management to enhance coffee quality</i> <i>Identification of chemical compound in arabica coffee based on its geographical origin</i> <i>Developing Self-resilience Village to promote sustainable farming in peatland Ecosystem in Aceh (West Aceh and Nagan Raya Regencies)</i> <p><i>Partners, if applicable: GIZ-SUPA Indonesia</i> <i>Amount of financing: IDR 800.000.000</i></p> | | |
| Industry collaborations over the last 5 years | <p><i>Project title:</i></p> <p><i>Partners: -</i></p> | | |
| Patents and proprietary rights | <p><i>Title: -</i></p> <p><i>Year: -</i></p> | | |
| Important publications over the last 5 years | <ol style="list-style-type: none"> <i>Faisal, Khairil, H. Husin, Y. Abubakar. 2023. The effect of atmospheric media variations on the characteristics of torrefied coffee beans. Results in Engineering, Vol 17. https://doi.org/10.1016/j.rineng.2022.100826</i> <i>Anhar, A., Abubakar, Y., Widayat, H.P., Muslih, M.A., Romano, Baihaqi, A. 2021, Altitude, shading, and management intensity effect on Arabica coffee yields in Aceh, Indonesia, Open Agriculture, 6, 254-262.</i> <i>Abubakar, Y., S Sabariana, R Rasdiansyah, D Hasni. 2021. Sensory characteristic of espresso coffee prepared from Gayo arabica coffee roasted at various times and temperatures. IOP Conference Series: Earth and Environmental Science 667 (1), 012048</i> <i>Abubakar, Y., T Gemasih, M Muzaifa, D Hasni, MI Sulaiman. 2020. Effect of blend percentage and roasting degree on sensory quality of arabica-robusta coffee blend. IOP Conference Series: Earth and Environmental Science 425 (1), 012081</i> <i>Abubakar, Y., D Hasni, M Muzaifa, H P Widayat. 2019. Effect of varieties and processing practices on the physical and sensory characteristics of Gayo Arabica specialty coffee. IOP Conference Series: Materials Science and Engineering 523 (1).</i> | | |
| Activities in specialist bodies over the last 5 years | <p><i>Organisation:</i></p> <ul style="list-style-type: none"> <i>International Food Technologist (IFT)</i> <i>Indonesian Association of Agro-industrial Technologist (APTA)</i> <i>Indonesian Engineer Association (PII)</i> | <p><i>Role:</i></p> <ul style="list-style-type: none"> <i>Member</i> <i>Member,</i> <i>Member,</i> <i>Head of Agricultural Engineering Division</i> | <p><i>Period:</i></p> <ul style="list-style-type: none"> <i>2021 – now</i> <i>2018 – now</i> <i>2021 – now</i> <i>2023 - Now</i> |