



## Curriculum Vitae Department of Agricultural Engineering Universitas Brawijaya

<b>Name</b>	<b><i>Dr.Ir. ANANG LASTRIYANTO, M.Si</i></b>		
<b>Position</b>	<i>Teaching area: Bioprocess Technology, and Energy Conversion, Assistant professor in Bachelor of Bioprocess Engineering Study Programme</i>		
<b>Academic career</b>	<b><i>Initial academic appointment</i></b>	<i>Agricultural Engineering Department, Universitas Brawijaya, Indonesia</i>	<i>1990</i>
	<b><i>Doctoral degree</i></b>	<i>Mechanical Engineering Department, Universitas Brawijaya, Indonesia</i>	<i>2014</i>
	<b><i>Master degree</i></b>	<i>Agriculture Engineering Department, Bogor Agricultural Institute, Indonesia</i>	<i>1998</i>
	<b><i>Undergraduate degree</i></b>	<i>Agrotechnology Department, Universitas Brawijaya, Indonesia</i>	<i>1982</i>
<b>Employment</b>	<b><i>Lecturer</i></b>	<i>Agricultural Engineering Department, Universitas Brawijaya, Indonesia</i>	<i>1990- Now</i>
<b>Research and development projects over the last 5 years</b>	<ul style="list-style-type: none"> <li><i>PNBP, Faculty of Agrotechnology - Application of Cross Flow Ultrafiltration Membrane (UF) in the Harvesting of Microalgae as an Alternative Source Of Biodiesel Raw Materials, 2017, 12M IDR</i></li> <li><i>Desaign of Drip Irrigation for Increasing the Productivity of Manalagi Apples Throughout the Season, 2017, 135M IDR</i></li> <li><i>Doktor Mengabdi Programme - Development of Regional-Specific Agro-Industry Potentials and Community Empowerment in the East Nusa Tenggara Border Area, 2018</i></li> <li><i>PUPT, Ministry of Research and Technology - Desaign of Drip Irrigation for Increasing the Productivity of Manalagi Apples Throughout the Season, 2019, 191.34 M IDR</i></li> <li><i>LPDP Ministry of Finance RI – Riset Inovatif Produktif (RISPRO). The Development of Various Types of Beekeeping Technology as Functional Materials to Increase the Competitiveness of National and Export Industrial Raw Materials, 2019</i></li> <li><i>Doktor Mengabdi Programme - Implementation of Improved Marine Product Processing Technology on Nuse Island, NTT, the Outer Area of Eastern Indonesia, 2019.</i></li> <li><i>PNBP, Faculty of Agrotechnology - Water Jet Hypobaric System for Horticulture Storage and Transport, 2019, 25M IDR</i></li> <li><i>Doktor Mengabdi Programme - Implementation of Improved Marine Product Processing Technology on Nuse Island, NTT, the Outer Area of Eastern Indonesia, 2020.</i></li> </ul>		
<b>Industry collaborations over the last 5 years</b>	<ul style="list-style-type: none"> <li><i>PUPT RISTEK DIKTI – Ministry of Research and Technology of the Republic of Indonesia, 2019</i></li> <li><i>PT KEMBANG JOYO SRIWIJAYA - LPDP Ministry of Finance RI – Riset Inovatif Produktif (RISPRO). Development of Various Types of Beekeeping Technology as Functional Materials to Increase the</i></li> </ul>		

	<p><i>Competitiveness of National and Export Industrial Raw Materials, 2019</i></p> <ul style="list-style-type: none"> <li>- <i>Development Vacuum Frying Technology in Small and Medium Enterprise for Bananas Chips Processing. 2020</i></li> </ul>
Patents and proprietary rights	<ul style="list-style-type: none"> <li>- <i>Vacuum frying machine type horizontal jet air system, 2001</i></li> <li>- <i>OHMIC heating technology in food processing process, 2016</i></li> <li>- <i>Technology of vacuum evaporation without heat moving media, 2016</i></li> <li>- <i>Method of giving water drops on plant irrigation system of apple, 2018</i></li> </ul>
Important publications over the last 5 years	<ul style="list-style-type: none"> <li>- <i>Reviewer for Journal of Loss Prevention in The Process Industries Condition Monitoring of Subsea Pipelines Considering Stress Observation and Structural Deterioration, 2017</i></li> <li>- <i>The method for leakage detection of urban natural gas pipeline based on the improved ITA and ALO, 2021</i></li> </ul>
Activities in specialist bodies over the last 5 years	<p><i>Selected recent publications from a total of approx. 11 papers:</i></p> <ul style="list-style-type: none"> <li>- <b>A Lastriyanto</b>, SA Wibowo, E Erwan, F Jaya, J Batoro, D Masyithoh. 2020. <i>Moisture Reduction of Honey in Dehumidification and Evaporation Processes. Journal of Mechanical Engineering Science and Technology (JMEST) 4 (2), 153-163</i></li> <li>- AA Kartika, <b>A Lastriyanto</b>, 2020, <i>Propolis Extraction Using Vacuum Resistive Heating Method, Journal of Physics: Conference Series 1665 (1), 012009</i></li> <li>- LC Hawa, <b>A Lastriyanto</b>, DAA Ambarwati. 2019 <i>O2 and CO2 permeability apparatus for sausage edible casing: design and performance test. Advances in Food Science, Sustainable Agriculture and Agroindustrial Engineering (AFSSAAE) 2(1), 1-5</i></li> </ul>