



Curriculum Vitae Department of Agricultural Engineering Universitas Brawijaya

Name	Retno Damayanti, STP.MP.									
Position	<i>Teaching area: Ergonomic and Occupational Health and Safety Assistant professor in Bachelor of Agricultural Engineering Study Programme</i>									
Academic career	<table> <tr> <td>Initial academic appointment</td> <td>Agricultural Engineering Department, Universitas Brawijaya</td> <td>2013</td> </tr> <tr> <td>Master degree</td> <td>Agricultural Insutrial Technology Universitas Brawijaya</td> <td>2012</td> </tr> <tr> <td>Undergraduate degree</td> <td>Agricultural Engineering, Universitas Brawijaya</td> <td>2000</td> </tr> </table>	Initial academic appointment	Agricultural Engineering Department, Universitas Brawijaya	2013	Master degree	Agricultural Insutrial Technology Universitas Brawijaya	2012	Undergraduate degree	Agricultural Engineering, Universitas Brawijaya	2000
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Employment	<table> <tr> <td>Lecturer</td> <td>Agricultural Engineering Department, Universitas Brawijaya</td> <td>2013- Now</td> </tr> </table>	Lecturer	Agricultural Engineering Department, Universitas Brawijaya	2013- Now						
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Research and development projects over the last 5 years	<ul style="list-style-type: none"> - <i>The Application of Artificial Intelligence in Antioxidant Modeling of "African Leaves" Using Machine Vision And Fluorescence, 2020, 50M IDR</i> - <i>Development of plant acoustic frequency technology in plant factory, 2019, 50M IDR</i> - <i>Design of a Data Acquisition System on a Controlled Low Temperature Drying Machine for Drying Corn Seeds 2019-2020, 50M IDR</i> - <i>Increasing Calories of Briquettes and Biopellets with Cocoa Shell Raw Material Using Densification Process and Water Heating System 2017-2018, 100M, IDR</i> - <i>Production of Fuel Grade Ethanol (FGE) from Molasses Using an Integrated Distillation with Adsorption System 2018, 193M, IDR</i> - <i>Qualilty Test of Cassava Chips for Mocaf Flour using Machine Vision, 2016-2017, 90M IDR</i> 									
Industry collaborations over the last 5 years	-									
Patents and proprietary rights	-									
Important publications over the last 5 years	<ul style="list-style-type: none"> - R. Damayanti, Sandra, N.R. Nanda. 2020. <i>The effect of adding rice straw charcoal to the processing of bio-pellet from cacao pod husk. Advances in Food Science, Sustainable Agriculture and Agroindustrial Engineering.</i> 3(2): 81-90. - Y. Hendrawan, A. Rizky, B. Susilo, J. Prasetyo, R. Damayanti. 2020. <i>The effect of Javanese gamelan music on the growth of Chinese Broccoli.</i> PERTANIKA Journal. 28(1): 69-90 - Sandra, R. Damayanti, B. Susilo, G. Darmesthi. 2019. <i>Physical Characteristic of Biomass Pellet from Cacao Pod Husk and Banana Pod Husk.</i> IJASEIT journal. 9(5): 1670-1675 									
Activities in specialist bodies over the last 5 years	-									

