



Curriculum Vitae

Department of Agricultural Engineering

Universitas Brawijaya

Name	Dr. Mochamad Bagus Hermanto, STP., M.Sc		
Position	Secretary of Agricultural Engineering Department Assistant Professor in Bachelor of Bioprocess Engineering Study Programme		
Academic career	Initial academic appointment	Agricultural Engineering Department, Universitas Brawijaya	2005
	Doctoral degree	Agricultural Sciences (Specialisation in Agricultural Technology), Universitas Brawijaya, Indonesia	2020
	Master degree	Agricultural and Bioresource Engineering, Wageningen University, The Netherlands	2009
	Undergraduate degree	Agricultural Engineering, Institut Pertanian Bogor (IPB), Indonesia	2004
Employment	Lecturer	Agricultural Engineering Department, Universitas Brawijaya	2005- Now
Research and development projects over the last 5 years	<ul style="list-style-type: none"> - Design of Low Temperature Drying Machine for Corn Seeds, 2019, 49.8MIDR - Design and Implementation of Porang Chip Milling by using Ball Mill, 2012-2020 - Design of pilot plant scale for porang flour production, 2016-2020 		
Industry collaborations over the last 5 years	- PT Kappa Caarragenan Nusantara (KCN) as Industrial Partner for Porang Flour Production		
Patents and proprietary rights	<ul style="list-style-type: none"> - Ball mill for Porang Chip Milling (2014) - Continuous Porang Chip Flour Mill (2017) - Methods of Biodegradable Plastic Production from Walur Comb (2020) 		
Important publications over the last 5 years	<p>Selected recent publications from a total of approx. 30 papers:</p> <ul style="list-style-type: none"> - Rafianto, V., Djoyowasito, G., Hermanto, M.B. and Wibisono, Y., 2021. Pendugaan Reduksi Ukuran Berbasis Model Algoritma Perhitungan Balik pada Penepungan Cangkang Rajungan Menggunakan Ball-Mill. <i>Jurnal Ilmiah Rekayasa Pertanian dan Biosistem</i>, 9(1): 66-75. - Hermanto, M.B., Widjanarko, S.B., Suprpto, W. and Suryanto, A., 2019. The Design and Performance of Continuous Porang (<i>Amorphophallus muelleri</i> Blume) Flour Mills. <i>International Journal on Advanced Science, Engineering and Information Technology</i>, 9(6): 2021-2027. - Hermanto, M.B., Widjanarko, S.B., Suprpto, W. and Suryanto, A., 2019. Parameter estimation for porang (<i>Amorphophallus muelleri</i> Blume) chips milling by using a batch type of ball mills, <i>IOP Conference Series: Materials Science and Engineering</i>. IOP Publishing, pp. 032015. 		

Activities in specialist
bodies over the last 5
years

*- As a researcher in Porang Research Centre in Universitas
Brawijaya*