Curriculum Vitae
Department of Agricultural Engineering
Universitas Brawijaya

Name	***Wahyunanto Agung Nugroho, STP, M. Eng, PhD***		
Position	*Teaching area: Microbial Process Engineering, Assistant professor in Bachelor of Bioprocess Engineering Study Programme*		
Academic career	***Initial academic appointment***	*Agricultural Engineering Department, Universitas Brawijaya*	*2005*
	Doctoral degree	*Chemical and Biological Engineering, University of Sheffield, United Kingdom*	*2021*
	Master degree	*Environmental Engineering, The University of Queensland, Australia*	*2008*
	Undergraduate degree	*Agricultural Engineering, Institut Pertanian Bogor (IPB), Indonesia*	*2002*
Employment	***Lecturer***	*Agricultural Engineering Department, Universitas Brawijaya*	*2005-Now*
	Production supervisor	*Kelola Mina Laut, Ltd*	*2003-2005*
Research and development projects over the last 5 years	- *Enhancement of methane production I anaerobic digestion of food waste by implementing CO_2 microbubble* - *Pre-treatment of Miscanthus sp using physico-chemical methods* - *Culturing microalgae using landfill leachate as the growth media in photobioreactor* - *Ammonia removal from landfill leachate using hot microbubble*		
Industry collaborations over the last 5 years	- *Perlemax Ltd* - *Viridor, UK*		
Patents and proprietary rights	-		
Important publications over the last 5 years	- Wibisono, Y., **Nugroho, W.A**., Devianto, L.A., Sulianto, A.A., Bilad, M.R. Microalgae in Food-Energy-Water Nexus: A Review on Progress of Forward Osmosis Applications. 2019. Membranes 9(12):166. - Lutfi, M., **Nugroho, W.A.**, Fridayestu, W.P., Susilo, B., Sandra, S. Bioflocculation of two species of microalgae by exopolysaccharide of bacillus subtilis. 2019. Nature Environment and Pollution Technology 18(1):167-173. - Anugroho, F., Lutfi, M., **Nugroho, WA**. Appropriate technology for community; recycling of plastic trash in Ponorogo. 2017. Journal of Innovation and Applied Technology 3(2):476-485. - **Nugroho, WA.**, Lutfi, M., Susilo, B., Promoting the Growth of *Chlorella vulgaris* in Secondary Wastewater Treatment Effluent of Tofu Industry using *Azospirillum sp*. 2016. International Journal on Advanced Science Engineering and Information Technology. 6(3):289.		

Activities in specialist bodies over the last 5 years	-