



Curriculum Vitae

Department of Agricultural Engineering

Universitas Brawijaya

Name	Joko Prasetyo, STP, M.Si		
Position	<i>Teaching area: Agricultural and Bio-system Engineering, Assistant professor in Bachelor of Agricultural Engineering Study Programme</i>		
Academic career	Initial academic appointment	<i>Agricultural Engineering Department, Universitas Brawijaya</i>	<i>2015</i>
	Master degree	<i>Agricultural and Food Engineering, IPB University, Indonesia</i>	<i>2012</i>
	Undergraduate degree	<i>Agricultural Engineering, Universitas Brawijaya, Indonesia</i>	<i>2006</i>
Employment	Lecturer	<i>Agricultural Engineering Department, Universitas Brawijaya</i>	<i>2015-Now</i>
	Field Quality Assistant	<i>PT Dupont Indonesia</i>	<i>2012</i>
	Owner	<i>Sakura Hidroponik Farm</i>	<i>2020-now</i>
Research and development projects over the last 5 years	<ul style="list-style-type: none"> - <i>Application of Plant Development of a Smart Plant Factory by Applying Plant Growth and Production-Enhancing Technology using Sound Exposure (Sonic Bloom,)2019, 50M IDR</i> - <i>The Effect of Extremely Low Frequency Magnetic Field Exposure on the Growth of Shallots (Allium Ascalonicum L), 2020, 4M IDR</i> - <i>Temperature Control of The Extraction Process of Sirsak Fruit (Annona Muricata L.) Using Dynamic System of Recursive Least Square Method, 2020, 50 M IDR</i> 		
Industry collaborations over the last 5 years	<ul style="list-style-type: none"> - <i>Organization for Industrial, Spiritually, Culture and Advancement (OISCA), PT. Etos Agro, Banyuwangi.</i> 		
Patents and proprietary rights			
Important publications over the last 5 years	<p><i>Selected recent publications:</i></p> <ul style="list-style-type: none"> - <i>Y. Hendrawan, K.N. Anniza, J. Prasetyo, R. Damayanti, G. Djoyowasito. 2020. Effect of plant sound wave technology to increase productivity of mustard greens (Brassica juncea L.) IOP Conference Series: Earth and Environmental Science 524 (1), 012012</i> - <i>Y. Hendrawan, A. Rizky, B. Susilo, J. Prasetyo and Retno Damayanti. 2020. The Effect of Javanese Gamelan Music on the Growth of Chinese Broccoli. Pertanika Journal of Science and Technology. Vol 28, No.1</i> - <i>J. Prasetyo, Y.F. Baharsyah, Y. Hendrawan. 2020. The Effect of Exposure to Java Gamelan, Rock Music and The Sound of Stone Birds (Copsychus Malabaricus) on The Vegetative Growth of Rose Plant (Amaranthus Tricolor L). Jurnal Teknik Pertanian Lampung (Journal of Agricultural Engineering). 9 (4), 311-316</i> 		