



Curriculum Vitae Department of Agricultural Engineering Universitas Brawijaya

Name	Zaqlul Iqbal, STP, M.Si									
Position	<i>Agricultural Engineering, UV/Vis/NIR spectroscopy Lecturer in Agricultural Engineering Department Homebase: Bachelor of Agricultural and Biosystem Engineering Study Programme</i>									
Academic career	<table border="0"> <tr> <td>Initial academic appointment</td> <td><i>Agricultural Engineering Department, Universitas Brawijaya</i></td> <td><i>2016</i></td> </tr> <tr> <td>Master degree</td> <td><i>Food and Agricultural Machinery Engineering, IPB University, Indonesia</i></td> <td><i>2015</i></td> </tr> <tr> <td>Undergraduate degree</td> <td><i>Agricultural Engineering, IPB University, Indonesia</i></td> <td><i>2013</i></td> </tr> </table>	Initial academic appointment	<i>Agricultural Engineering Department, Universitas Brawijaya</i>	<i>2016</i>	Master degree	<i>Food and Agricultural Machinery Engineering, IPB University, Indonesia</i>	<i>2015</i>	Undergraduate degree	<i>Agricultural Engineering, IPB University, Indonesia</i>	<i>2013</i>
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Employment	Lecturer <i>Agricultural Engineering Department, Universitas Brawijaya</i> 2012-Now									
Research and development projects over the last 5 years	<ul style="list-style-type: none"> - <i>Development of Rapid Non-Contact Detection of Lard Adulteration using UV/Vis Spectroscopy and Chemometrics, 2019, 25M IDR</i> - <i>Development of portable monitoring and evaluation of Citrus Orchard based on computer vision and AI, 2021, 25M IDR</i> 									
Industry collaborations over the last 5 years	-									
Patents and proprietary rights	-									
Important publications over the last 5 years	<p><i>Selected recent publications:</i></p> <ol style="list-style-type: none"> 1. Z. Iqbal, D. Ciptaningtyas, 2018, <i>Designing and experimenting semi-automatic green grass jelly squeezer, International Journal on Advanced Science, Engineering, and Information Technology.</i> http://insightsociety.org/ojaseit/index.php/ijaseit/article/view/4744 2. Z Iqbal, M A Kamal, A N Komariyah, I P Adiyaksa, B D Argo, Y Wibisono and R Damayanti, 2020, <i>Feasibility study on the use of UV/Vis spectroscopy to measure total phenolic compound and pH in apple (Malus sylvestris L.) cv. Manalagi. IOP Earth and Environmental Science.</i> https://iopscience.iop.org/article/10.1088/1755-1315/475/1/012003. 3. Z Iqbal, I P Adiyaksa, A N Komariyah, R Damayanti, M A Kamal, L C Hawa and Y Hendrawan, 2020, <i>Developing partial least square (PLS) internal parameters of apple (Malus sylvestris L.) cv. Manalagi by means of UV/Vis spectroscopy. IOP Earth and Environmental Science</i> https://iopscience.iop.org/article/10.1088/1755-1315/475/1/012004 									
Activities in specialist bodies over the last 5 years	-									