

# Staff Handbook



Name	<i>Dr.Ir. Muhammad Ikhsan Sulaiman, M.Sc., IPU. Asean Eng.</i>		
Post	<i>Product Development Technology, Occupational Safety and Health, Project and Risk Management</i>		
Academic career	<i>S1 Agro-Industrial Technology</i>	<i>Bogor Agriculture University, Indonesia</i>	<i>1988 - 1993</i>
	<i>S2 Tropical and Sub-tropical Agriculture</i>	<i>Georg-August University of Göttingen, Germany</i>	<i>1998 - 2000</i>
	<i>S3 Quality of Agricultural Product</i>	<i>Georg-August University of Göttingen, Germany</i>	<i>2000 - 2005</i>
Employment	<i>Vice Director of Graduate School</i>	<i>USK, Indonesia</i>	<i>2023-Now</i>
	<i>Head of Department of Agricultural Product Technology</i>	<i>USK, Indonesia</i>	<i>2016-2023</i>
	<i>Lecturer in Department of Agricultural Product Technology</i>	<i>USK, Indonesia</i>	<i>2012-now</i>
	<i>International Field Operation Officer</i>	<i>FAO, Italy</i>	<i>2010 – 2012</i>
	<i>National Monitoring and Evaluation Consultant</i>	<i>FAO, Indonesia</i>	<i>2005 - 2010</i>
Research and development projects over the last 5 years	<p><i>Name of project or research:</i></p> <ol style="list-style-type: none"> <li><i>Development of a biopharmacy industry based on jernang rattan resin (dragon blood) an endemic plant of Sumatra</i> <i>Period:2023 - 2025</i> <i>Partners: National Institute of Research and Innovation (BRIN)</i> <i>Budget: IDR 358.600.000 (Funded by Advance Indonesian Innovation Research (RIIM))</i></li> <li><i>Improving the quality of Gayo Aceh coffee through genetic and sensory characterization</i> <i>Period:2021 - 2022</i> <i>Partners: National Institute of Research and Innovation (BRIN)</i> <i>Budget: IDR 120.000.000 (Funded by Syiah Kuala University Flagship Program)</i></li> <li><i>Jamblang vinegar as new flagship product of Aceh</i> <i>Period:2021 - 2022</i> <i>Partners: National Institute of Research and Innovation (BRIN)</i></li> </ol>		

	<i>Budget: IDR 129.000.000 (Funded by Syiah Kuala University Flagship Program)</i>		
Industry collaborations over the last 5 years	<i>Project title: Communal Jernang Nursery for Sustainable Use of Non Timber Forest Product in Aceh Tengah</i> <i>Partners: World Wildlife Fund (WWF)</i> <i>Budget: IDR 200.000.000</i>		
Patents and property rights	<i>Title: Computer Program NIRef Jernang V.1</i>		<i>Year: 2023</i>
Important publications over the last 5 years	<ol style="list-style-type: none"> <li>1. Fadhil, R., <b>Sulaiman, M. I.</b> &amp; Farhan, M. R. Decision-Making System for Acceptance of Gayo Arabica Coffee Steeped Products with a Mixture of Herbs Using the MOORA Method. <i>International Journal of Design and Nature and Ecodynamics</i> 17, 263–271 (2022).</li> <li>2. Megawati, <b>Sulaiman, M. I.</b> &amp; Zakaria, S. Effect of Planting Season on the Residue of Organophosphate in Chili (<i>Capsicum annum L.</i>). <i>Indian J Agric Res</i> 56, 614–620 (2022).</li> <li>3. Arpi, N., Muzaifa, M., <b>Sulaiman, M. I.</b>, Andini, R. &amp; Kesuma, S. I. Chemical Characteristics of Cascara, Coffee Cherry Tea, Made of Various Coffee Pulp Treatments. in <i>IOP Conference Series: Earth and Environmental Science</i> vol. 709 (IOP Publishing Ltd, 2021).</li> <li>4. <b>Sulaiman, M. I.</b>, Yusriana &amp; Irawan, R. Segmentasi konsumen berdasarkan faktor yang mempengaruhi keputusan konsumen dalam memilih kafe (Consumers segmentation based on the decision factors in choosing café shop. <i>Agrointek</i> 15, 326–333 (2021).</li> <li>5. Kamal, M., Munawar, A. A. &amp; <b>Sulaiman, M. I.</b> Comparison of principal component and partial least square regression method in NIRS data analysis for cocoa bean quality assessment. in <i>IOP Conference Series: Earth and Environmental Science</i> vol. 667 (IOP Publishing Ltd, 2021).</li> </ol>		
Activities in specialist bodies over the last 5 years	<i>Organisation:</i>	<i>Role:</i>	<i>Period:</i>
	<ul style="list-style-type: none"> <li>• Food and Agricultural Product Technology Study Program Forum of Indonesian University</li> </ul>	<i>Chief</i>	<i>2021-2023</i>
	<ul style="list-style-type: none"> <li>• International Food Technologist (IFT)</li> </ul>	<i>Member</i>	<i>2021 – now</i>
	<ul style="list-style-type: none"> <li>• Indonesian Association of Food Technologist Expert (PATPI)</li> </ul>	<i>Member in the section of educational development</i>	<i>2022 – now</i>
	<ul style="list-style-type: none"> <li>• Indonesian Association of Agro-industrial Technologist (APTA)</li> </ul>	<i>Head of cooperation section</i>	<i>2022 – now</i>
	<ul style="list-style-type: none"> <li>• Indonesian Engineer Association (PII)</li> </ul>	<i>Member in professional body of agro-industrial technologist</i>	<i>2021 - now</i>