

Example form for Staff Handbook



Name	<i>Dr. Ir. Eti Indarti, M.Sc</i>		
Post	<i>Biomaterial, Nanocellulose, Food Packaging Technology, Food Analysis, Bioenergy Technology, Agro-industrial Business Plan. Unit operation,</i>		
Academic career	<i>Undergraduate Degree: Chemical Engineering</i>	<i>USM Syiah Kuala, Indonesia</i>	<i>1987-1993</i>
	<i>Master: Biochemical analysis</i>	<i>Universiti Sains Malaysia</i>	<i>2001-2004</i>
	<i>Doctorate: Bioresources Technology (Biomaterial)</i>	<i>Universiti Sains Malaysia</i>	<i>2013-2017</i>
Employment	<i>Secretary of Agriculture Product Technology Dept</i>	<i>USK</i>	<i>2004-2008</i>
	<i>Head of food and agriculture analysis laboratory</i>	<i>USK</i>	<i>2017-Recent</i>
Research and development projects over the last 5 years	<i>Development of Biodegradable packaging, Doctorate Dissertation Scheme Research Grant from Higher Education (DIKTI) 2022, 50.000 K Development of biofoam from sugarcane baggase (Fermented method, hot plate casting, etc), Assoc Prof Scheme, 2022-2023, 95.000K Nancocellulose from agroindustry lignocellulosic wastes produce Bionanocomposite for food packaging, H-Index Scheme, 2019-2021. 200.000K</i>		
Industry collaborations over the last 5 years	<i>Reducing oil losses in Oil palm Industry Partners: PTPN I, Cot Girek, Aceh Utara</i>		
Patents and proprietary rights	<i>Title:-</i>	<i>Year:-</i>	
Important publications over the last 5 years	<p><i>Eti Indarti, Khairul Hafizuddin Abdul Rahman, Mazlan Ibrahim, Wan Rosli Wan Daud. 2023. Enhancing Strength Properties of Recycled Paper with TEMPO-oxidized Nanocellulose. BioResources Vol 18 No.1. 1508-1524.</i></p> <p><i>Eti Indarti, Dewi Yunita and Sri Muliani. 2023. Characteristics of biofoam cups made from sugarcane bagasse with Rhizopus oligosporus as binding agent. Advances in Polymer Technology. Vol 2023. Pp.1-12.</i></p> <p><i>Eti Indarti, Zalnati Fonna Rozali, Dewi Yunita, Laila Sonia, Marwan. 2023. Characteristic of Cellulose Nanocrystals from Sugarcane Bagasse Isolated from Various Methods, Chapter in book: Cellulose Development, Processing and Application. 1st Edition. CRC Press, Taylor and Francis Group. Chapt 14, Pp 15. ISBN 9781003358084</i></p>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	<i>Membership without a specific role need not be mentioned</i>		

