

# Staff Handbook

Name	<i>Dr. Fatma Zuhrotun Nisa, STP., MP.</i>		
Post	<i>Food Science</i>		
Academic career	<b>Initial Academic Appointment</b>	<b>Institution</b>	<b>Year</b>
	<i>Bachelor in Food Technology, Faculty of Food Technology</i>	<i>University of Jember</i>	<i>2000</i>
	<i>Master in Food Science, Faculty of Food Technology</i>	<i>Universitas Gadjah Mada</i>	<i>2005</i>
	<i>Doctoral in Food Science, Faculty of Food Technology</i>	<i>Universitas Gadjah Mada</i>	<i>2017</i>
Employment	<i>Lecturer</i>	<i>Nutrition and Health Study Program, Faculty of Medicine, Public Health and Nursing, Universitas Gadjah Mada</i>	<i>Period 2003-present</i>
Research and development projects over the last 5 years	<ol style="list-style-type: none"> <li><i>1. 2018 : Development of biscuits from chayote as functional food</i></li> <li><i>2. 2019 : Development of biscuits from BMC flour (moringa leaves, purple sweet potato, anchovy) as functional food</i></li> <li><i>3. 2020 : Development of Yogurt Drinks from Beetroot and Cinnamon as Functional Foods</i></li> <li><i>4. 2021 : Development of Boba drink from Dutch Eggplant as functional food</i></li> <li><i>5. 2022 : Effects of Yogurt from Beetroot and Cinnamon on lipid profile, blood glucose and blood pressure in hyperlipidemic rats</i></li> </ol>		
Industry collaborations over the last 5 years	<b>Project title</b>	<b>Partners</b>	<b>Year</b>
	<i>Introduction of Traditional Snacks Through a Traditional Snack Food Cooking Competition at Mts Ali Maksum Krpyak Yogyakarta</i>	<i>Mts Ali Maksum Krpyak Yogyakarta</i>	<i>2018</i>

	<i>Entrepreneurship Training Regarding Making Snacks Made from Cassava Leaves to Increase Vegetable Consumption at SMA Ali Maksum and MA Ali Maksum Krapyak Yogyakarta</i>	<i>SMA Ali Maksum and MA Ali Maksum Krapyak Yogyakarta</i>	<i>2019</i>
	<i>Training on making Chayote Cookies in the Context of Preventing Cardiovascular Disease For Entrepreneur in DIY</i>	<i>Faculty of Medicine, Ners and Public Health UGM</i>	<i>2021</i>
	<i>Training on Making Ketburi Biscuits (Moringa Leaves, Purple Sweet Potatoes, and Anchovies) in the Context of Preventing Cardiovascular Disease for Entrepreneur in DIY</i>	<i>Health and Nutrition Departmen FK-KMK UGM</i>	<i>2022</i>
	<i>Antoprometry Training and Balanced Nutrition Counseling at Islamic Boarding School Al Anwari Banyuwangi</i>	<i>Islamic Boarding School Al Anwari Banyuwangi</i>	<i>2022</i>
Patents and proprietary rights	<b>Title</b>		<b>Year</b>
	<i>Vegetable-based food formulations</i>		<i>2020</i>
	<i>Yoghurt Genjer</i>		<i>2022</i>
Important publications over the last 5 years	<b>Author(s)</b>	<b>Title</b>	<b>Publisher, place of publication, date of publication or name of periodical,</b>

			<b>volume, issue, page numbers</b>
	Fatma Zuhrotun Nisa, Fitria Eka Purwandari, Karina Candrakirana Dwinanda, Nuzulul Sakinatul Fitriah, Sindy Viana Wulandari	Effect of Fermented Red Bean ( <i>Phaseolus vulgaris</i> L.) on Body Weight, Profil Lipid and Glucose Serum Sprague Dawley Rats Feed High Fat High Fructose Diet	The International Journal of Science and Technoledge, March 2023, Vol 11 Issue 3, 2023.
	Eka Fadilla Rahma, Fatma Zuhrotun Nisa, Rio Jati Kusuma	Analysis of Proximate and Dietary Fiber of Beetroot ( <i>Beta vulgaris</i> L.) and Cinnamon ( <i>Cinnamomum burmanii</i> ) Yogurt	The International Journal of Science and Technoledge, Vol 9, Issue 3, 2021.
	Fatma Zuhrotun Nisa, Mary Astuti, Sofia Mubarika Haryana, Agnes Murdiati	Effect of Papaya Leaves ( <i>Carica papaya</i> L.) Extract on Immune Response (TLR-7, TLR-9) and Inflammation (COX-2) in Rats Induces DMBA (7,12-Dimetilbenz(a)antr asen)	Pakistan Journal of Biological Science, Vol 23, Issue 11, 2020
	Fatma Zuhrotun Nisa, Mary Astuti, Sofia Mubarika Haryana, Agnes Murdiati	Antioxidant Activity and Total Flavonoid of <i>Carica papaya</i> L. Leaves with Different Varieties, Maturity and Solvent	AGRITECH, Vol 39, No 1, 2019
	Any other information: -		
Activities in specialist bodies over the last 5 years	<b>Organisation</b>	<b>Role</b>	<b>Period</b>
	Indonesian Ulema Council (Special Region of Yogyakarta)	Halal Auditor	2017-present

