



UNIVERSITAS NEGERI YOGYAKARTA
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF PHYSICS EDUCATION
PHYSICS STUDY PROGRAM

Colombo Street Number 1 Yogyakarta 55281
 Telephone (0274)565411 Ext. 217, fax (0274) 548203
 Web: <http://fisika.fmipa.uny.ac.id>, E-mail: fisika@uny.ac.id

Bachelor of Physics

STAFF HANDBOOK

Name	<i>Drs. Nur Kadarisman, M.Si.</i>		
Post	<i>Physics</i>		
Academic career	<i>Undergraduate degree</i>	<i>IKIP</i>	<i>1989</i>
	<i>Master degree</i>	<i>UGM</i>	<i>1996</i>
Employment	<i>Lecturer</i>	<i>Universitas Negeri Yogyakarta</i>	<i>1991- now</i>
Research and development projects over the last 5 years	<ol style="list-style-type: none"> 1. <i>DIPA UNY (KKKN 2021)</i> <i>Evaluasi pelaksanaan kuliah kerja nyata di universitas negeri yogyakarta dan strategi pengembangannya</i> <i>Partner: Mutaqin; Hiryanto; Maria Lies Enderwati; Eko Widodo;</i> <i>Rp. 49.700.000</i> 2. <i>DIPA UNY (RGI 2021)</i> <i>Rancang bangun automatic audio bioharmonic system sebagai stimulator pertumbuhan tanaman dengan kontrol jarak jauh (remote control)</i> <i>Partner: Supardi; Agus Purwanto</i> <i>Rp. 18.000.000</i> 3. <i>DIPA UNY (RG 2020)</i> <i>Rancang bangun otomatisasi audio bio harmonic system (ABHS) sebagai stimulator pertumbuhan dan produktivitas tanaman pangan</i> <i>Partner: Supardi; Agus Purwanto</i> <i>Rp. 18.000.000</i> 4. <i>DIPA UNY (RG 2019)</i> <i>Stimulator pertumbuhan dan produktivitas tanaman pangan menggunakan suara burung</i> <i>Partner: Dyah Kurniawati Agustika; Agus Purwanto;</i> <i>Rp. 18.000.000</i> 		

Industry collaborations over the last 5 years	-
Patents and proprietary rights	-
Important publications over the last 5 years	<p><i>The exposure of manipulated insect sound towards rice seedlings grown through transplanting</i> <i>International Journal of Agricultural Technology, 18(5), 2021-2032, 2022</i></p> <p><i>The effect of learning biophysics with stem approach on science process skills and critical thinking: Field study on application of na-aogs for increasing soybean productivity and growth rate</i> <i>Jurnal Pendidikan IPA Indonesia, 10(3), 447-461, 2021</i></p> <p><i>Sets best practice model: Growth optimization and productivity of organic food plants through iasmuspec application</i> <i>Jurnal Pendidikan IPA Indonesia, 8(2), 267-278, 2019</i></p> <p><i>Increasing the productivity of rice (Oryza sativa) crop via exposure of a micro chip audio generator system</i> <i>TEM Journal, 8(4), 1218-1223, 2019</i></p> <p><i>Characterization of Sound Spectrum based on Natural Animals as an Alternative Source of Harmonic System Audio Bio Stimulators for Increasing Productivity of Food Plants</i> <i>Journal of Physics: Conference Series, 1387(1), 012098, 2019.</i></p>
Activities in specialist bodies over the last 5 years	-