



Diponegoro University

**Master of Environmental Science
Lecturer**

Prof. Dr. Ir. Purwanto, DEA



**MASTER OF ENVIRONMENTAL SCIENCE
GRADUATE SCHOOL
DIPONEGORO UNIVERSITY**

Name	Prof. Dr. Ir. Purwanto, DEA 		
Post	<i>Teaching area and designation</i>		
Academic career	• Chemical Engineering (Prof) •Diponegoro University • 2000 • Process Technology (Dr) •INPT University of Toulouse, France • 1994 • Process Technology (DEA) •INPT University of Toulouse, France • 1991 • Chemical Engineering (ST) •Diponegoro University • 1985		
Employment	Professor	Faculty of Engineering	1997-2021
Research and development projects over the last 5 years	<i>Optimization of Glucose Production from Biomass Using Sulfonated Activated Charcoal Catalyst</i> 2016 <i>Leading Research DIPA FT UNDIP</i> <i>Rp. 30,000,000</i>		
Industry collaborations over the last 5 years	<i>Biodiesel Liquid Waste Treatment with Aeration Modification</i> <i>Pertamina</i>		
Patents and proprietary rights	<i>Clean Production Technology</i> 2013 <i>(Registration Number: 085670, February 4, 2013, in Semarang)</i>		
Important publications over the last 5 years	<i>Selected recent publications from a total of approx. (give total number): 94</i> <i>Author(s): P. Purwanto, Luqman Buchori, I. Istadi</i> <i>Title: Reaction rate law model and reaction mechanism covering effect of plasma role on the transesterification of triglyceride and methanol to biodiesel over a continuous flow hybrid catalytic-plasma reactor</i> <i>Any other information</i> <i>Elsevier BP, Heliyon, 2020, volume 6, issue 10 page numbers 1-11</i>		
Activities in specialist bodies over the last 5 years	Chairman of the Presidium of the Indonesian Postgraduate Leadership Forum (Forpimpas)	Chairman	-now