


**Prof. Dr. Ir. Purwanto, DEA**



**MASTER PROGRAM OF ENVIRONMENTAL SCIENCE  
SCHOOL OF POSTGRADUATE STUDIES  
DIPONEGORO UNIVERSITY**



Name	Prof. Dr. Ir. Purwanto, DEA 
Post	<i>Teaching area and designation</i>
Academic career	<ul style="list-style-type: none"> <li>• <i>Chemical Engineering (Prof)</i> <ul style="list-style-type: none"> <li>• <i>Diponegoro University</i> • 2000</li> <li>• <i>INPT University of Toulouse, France</i> • 1994</li> </ul> </li> <li>• <i>Process Technology (Dr)</i> <ul style="list-style-type: none"> <li>• <i>INPT University of Toulouse, France</i> • 1991</li> </ul> </li> <li>• <i>Process Technology (DEA)</i> <ul style="list-style-type: none"> <li>• <i>Diponegoro University</i> • 1985</li> </ul> </li> <li>• <i>Chemical Engineering (ST)</i></li> </ul>
Employment	<i>Professor Faculty of Engineering 1997-2021</i>
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 2013</i> <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	<i>Chairman of the Presidium of the Indonesian Postgraduate Leadership Forum (Forpimpas) Chairman -now</i>