



Diponegoro University

**Master of Environmental Science
Lecturer**

Prof. Dr. Istadi, ST, MT



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

Name	Prof. Dr. Istadi, ST, MT 		
Post	<i>Teaching area and designation</i>		
Academic career	• Chemical Engineering (Prof) • Diponegoro University • 2017 • Catalyst and plasma (Dr) • Malaysian University of Technology • 2006 • Chemical Engineering (MT) • Bandung Institute of Technology • 2000 • Chemical Engineering (ST) • Diponegoro University • 1995		
Employment	Professor	Faculty of Engineering	1997-2021
Research and development projects over the last 5 years	<i>Development of a Plasma-Catalytic Hybrid Reactor Prototype with Transesterification Process for Biodiesel Production from Plant Oils</i> 2016 Kemenristekdikti competency grant Rp. 110,000,000		
Industry collaborations over the last 5 years	<i>Training on the Utilization of Water Hyacinth for Biogas Production Process in Calombo Village, Kec. Challenge Semarang Regency (2016)</i> Small and medium industry		
Patents and proprietary rights	Catalytic Plasma Reactor System: 2016 (Patent Number: MY-151058-A, Granted Date: 29 July 2016) (Patent Malaysia)		
Important publications over the last 5 years	<i>Selected recent publications from a total of approx. (give total number): 60</i> <i>Author(s): I Istadi, T Riyanto, L Buchori, DD Anggoro, G Gilbert, KA Meiranti,</i> <i>Title: Enhancing Brønsted and Lewis Acid Sites of the Utilized Spent RFCC Catalyst Waste for the Continuous Cracking Process of Palm Oil to Biofuels</i> <i>Any other information</i> <i>American Chemical Society, Industrial & Engineering Chemistry Research, 29/04/2020, volume 59, issue 20 page numbers 9459-9468</i>		
Activities in specialist bodies over the last 5 years	Indonesian Catalyst Society – Indonesian Catalyst Society (MKICS)	Member	2004-present