

Prof. Dr. Istadi, S.T., M.T.



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



Name	Prof. Dr. Istadi, ST, MT 
Post	<i>Teaching area and designation</i>
Academic career	<ul style="list-style-type: none"> • <i>Chemical Engineering (Prof)</i> <ul style="list-style-type: none"> • <i>Diponegoro University</i> • 2017 • <i>Malaysian University of Technology</i> • 2006 • <i>Catalyst and plasma (Dr)</i> <ul style="list-style-type: none"> • <i>Bandung Institute of Technology</i> • 2000 • <i>Diponegoro University</i> • 1995 • <i>Chemical Engineering (MT)</i> • <i>Chemical Engineering (ST)</i>
Employment	<i>Professor Faculty of Engineering 1997-2021</i>
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 2016</i> <i>Kemenristekdikti competency grant</i> <i>Rp. 110,000,000</i>
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> <i>Small and medium industry</i>
Patents and proprietary rights	<i>Catalytic Plasma Reactor System: 2016</i> <i>(Patent Number: MY-151058-A, Granted Date: 29 July 2016) (Patent Malaysia)</i>
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	<i>Indonesian Catalyst Society – Indonesian Catalyst Society (MKICS) Member 2004-present</i>