

Dimas Pustaka DIBIANTARA

dpdibiantara@its.ac.id | +62 812 3441 9742

www.linkedin.com/in/dimasdibiantara

www.researchgate.net/profile/Dimas_Dibiantara3

EDUCATION | MASTER'S DEGREE (2012 – 2015)

INSTITUT TEKNOLOGI SEPULUH NOPEMBER SURABAYA, INDONESIA

INSTITUT NATIONAL DES SCIENCES APLIQUEES DE LYON, FRANCE

(A dual-degree master program funded by French Government and Indonesian Ministry of Foreign Affairs)

Thesis: Simulasi Keruntuhan Pelat Beton Bertulang Dengan Dan Tanpa Takikan – **Collapse Simulation of Reinforced Concrete Plate With and Without Notch.**

BACHELOR'S DEGREE (2010 – 2012)

INSTITUT TEKNOLOGI SEPULUH NOPEMBER SURABAYA, INDONESIA

Thesis: Pemanfaatan LuSi untuk Bata beton Ringan Berserat dengan Bahan Pengisi Serat Kenaf - **Utilisation of Sidoarjo Mud for Lightweight Fibrous Concrete with Kenaf Fiber as a Filler.**

PUBLICATION | SCIENTIFIC JOURNAL

JURNAL APLIKASI TEKNIK SIPIL – JATS 18(2), SURABAYA, 2020

Evaluasi Ketahanan Gempa Dinamik pada Struktur Bangunan Gedung Tak Terpakai Berumur 25 Tahun - Dynamic Earthquake Structural Evaluation of 25 Years Abandoned Apartment

SCIENTIFIC PAPER

IOP CONFERENCE SERIES Materials Science and Engineering 588:012035, 2019

The effect of rice husk ash addition as pozzolan on geopolymer binder using alkali activators

SCIENTIFIC JOURNAL

JURNAL APLIKASI TEKNIK SIPIL – JATS 16(2): 101, SURABAYA, 2018

Pengaruh Kuantitas Perojokan Dan Paparan Lingkungan Terhadap Mutu Beton Benda Uji Beton Silinder - Effect of rodding-quantity and environmental exposure to the quality of concrete cylinders specimens.

SCIENTIFIC JOURNAL

JURNAL APLIKASI TEKNIK SIPIL – JATS 15(1): 25, SURABAYA, 2017

Studi Alternatif Bentuk Rangka Jembatan Canai Dingin Untuk Pejalan Kaki Bentang Kecil Terhadap Rasio Berat dan Lendutan – Study for Alternatives Forms of Cold Rolled Profile-Bridge (Short Span) for Pedestrian Regarding the Ratio of Deflection and Weight.

SCIENTIFIC PAPER

IOP CONFERENCE SERIES Materials Science and Engineering 588:012035, 2017

Review: Potential Strength of Fly Ash-Based Geopolymer Paste with Substitution of Local Waste Materials with High-Temperature Effect.

SCIENTIFIC PAPER

NATIONAL SEMINAR Aplikasi Teknologi Perencanaan Wilayah, SURABAYA, 2016

Studi Modifikasi Tiang Pancang Beton Spun Pile Dengan Menggunakan PC Strand – Study of Concrete Spun Pile Modification Using PC Strands.

SCIENTIFIC PAPER

NATIONAL SEMINAR Aplikasi Teknologi Perencanaan Wilayah, SURABAYA, 2015
Simulasi Keruntuhan Pelat Beton Bertulang Dengan Dan Tanpa Takikan – Collapse
Simulation of Reinforced Concrete Plate With and Without Notch.

SCIENTIFIC PAPER

NATIONAL SEMINAR Aplikasi Teknologi Perencanaan Wilayah, SURABAYA, 2014
Pemanfaatan LuSi untuk Bata beton Ringan Berserat dengan Bahan Pengisi Serat Kenaf
- Utilization of Sidoarjo Mud for Lightweight Fibrous Concrete with Kenaf Fiber as a Filler.

GRANT | RESEARCH GRANT (DEPARTMENT FUNDING) 2020

Subject: Structural Evaluation by Microtremor Measurement on High-Rise Building

DUAL DEGREE INDONESIA-FRANCE SCHOLARSHIP 2013

A scholarship program funded by French Government (BOURSIER DE
GOUVERNEMENT FRANCAIS) and Indonesian Ministry of Foreign Affair (KEMENLU).
This was a scholarship for second year master in French and covered tuition fee and
living expenses.

FRESH-GRADUATED SCHOLARSHIP 2012

A master's degree program scholarship for fresh graduated student. The scholarship
covered the tuition fee and it was funded by Institut Teknologi Sepuluh Nopember,
Surabaya.

**TEACHING
EXPERIENCE**

INSTITUT TEKNOLOGI SEPULUH NOPEMBER LECTURER 2016 – NOW

Subject:

1. Structural Dynamic and Earthquake Engineering
2. Precast Concrete Structure
3. Basic Concrete Structure Design
4. Prestressed Concrete Structure
5. Structural Building Analyses

ARMY EDUCATION CENTRE (KODIKMAR/KODIKLATAL) TUTOR 2017 – 2019

Subject:

1. Building Construction

BADAN PENGEMBANGAN DAN PENGELOLAAN USAHA (BPPU) ITS TUTOR 2016

Subject:

1. Technical Drawing using AutoCAD.

**PROFESSIONAL
EXPERIENCE**

DETAILED DESIGN ENGINEER FREELANCE 2020

Analyzed and designed the structural of powerhouse (PT LEGI), Gresik, East Java.

DETAILED DESIGN ENGINEER FREELANCE 2019

Analyzed and designed the structural modification of a laboratory in Institut Teknologi
Sepuluh Nopember, Surabaya, East Java.

STRUCTURAL ANALYSER AND REVIEWER FREELANCE 2019

Analyzed and reviewed the structural of Sports Laboratory Building of Universitas
Negeri Surabaya (UNESA), Surabaya, East Java.

STRUCTURAL ANALYSER AND REVIEWER FREELANCE 2018

Analyzed and reviewed the structural of Sports Arena Building of Universitas Negeri
Surabaya (UNESA), Surabaya, East Java.

STRUCTURAL ANALYSER AND REVIEWER FREELANCE 2018

Analyzed and reviewed the structural of Sejahtera Apartment, Surabaya, East Java.

STRUCTURAL ANALYSER AND REVIEWER FREELANCE 2018

Analyzed and technical reviewed of HiTech Mall, Surabaya, East Java.

STRUCTURAL ANALYSER AND REVIEWER FREELANCE 2018

Analyzed, reviewed, and modified the structural of Mayapada Bank, Surabaya, East Java.

STRUCTURAL ANALYSER AND REVIEWER FREELANCE 2017

Analyzed and reviewed the structural of Fave Hotel, Surabaya, East Java.

DETAILED DESIGN ENGINEER FREELANCE 2017

Analyzed and designed the structural of Transformer Shelter (PT Pelindo III), Surabaya, East Java.

DETAILED DESIGN ENGINEER FREELANCE 2016

Analyzed and designed the structural of Transformer Shelter (PT Pelindo III), Banjarmasin, South Borneo.

DETAILED DESIGN ENGINEER FREELANCE 2013

Analyzed and designed the structural of Parking Building of Grand City Mall, Surabaya, East Java.

ASSOCIATED EXPERIENCE**SCIENTIFIC JOURNAL EDITOR** for Jurnal Aplikasi Teknik Sipil period 2020 – 2023

Tasks:

1. Sorts scientific papers based on its cluster.
2. Distributes selected papers to reviewers or experts.
3. Manages and oversees the circulation of papers (revision – accepted – ready-to-publish).

LIAISON OFFICER for MyITS Classroom period 2020 – now

MyITS Classroom is an internal platform belonged to Institut Teknologi Sepuluh Nopember Surabaya. The platform was made to accommodate online learning for its civitas academica. As liaison officer for work-unit, the tasks are:

1. Informs policies, rules, and information.
2. Creates required courses.
3. Enrolls and unenrolls participants (teacher, student, etc.)
4. Explains how to use the platform.

LIAISON OFFICER for ITS Global Engagement period 2020 – now

In the pursue to be internationally qualified, Institut Teknologi Sepuluh Nopember Surabaya enhances the resources.

ORGANIZING COMMITTEE 1ST INTERNATIONAL CONFERENCE ICASIE 2017

Managed and prepared the requirements of the conference, such as publication, venue, certificate, etc.

ORGANIZING COMMITTEE NATIONAL SEMINAR ATPW IX 2016

Managed and prepared the requirements of the conference, such as publication, venue, certificate, etc.

COMPUTER LITERACY

Ms. Office (Ms. Excel, Word, & Powerpoint), AutoCAD, SAP2000, ETABS. Beginner (REVIT, Simulia Abaqus, MatLab, Python, Cast3m)

LANGUAGE

ENGLISH (Intermediate – 537 In Local Test);
FRENCH (Fair – DELF B1);
INDONESIA (Mother Language)

LEADERSHIP AND COMMUNICATION

As a part of Organizing Committee for Department's Conferences, applicant led and gathered students to help the management and requirements for the event. Those successful events were a collaboration works of lecturers and students.

Leadership values were also shown in the work of Liaison Officer for the department. Applicant transferred, explained, and informed the information, rules, and policies to the lecturers in his department by initiating an online workshop.

Being one of editors in Department's Scientific Journal, applicant works in a team by sorting incoming papers based on its cluster, manages the peer-reviewers activity, and oversees its circulation.

Applicant is a discipline, honest, responsible, hardworking person, has a good willingness to learn and confidence, both in its leadership ability and teamwork.

- REFERENCES | PROF. MUHAMAD SIGIT DARMAWAN, M.ENG.SC., PH.D.**
Professor and Dean of Vocational Faculty,
INSTITUT TEKNOLOGI SEPULUH NOPEMBER
Applicant's leader in his unit (Department of Civil Infrastructure Engineering)
- PROF. IR. PRIYO SUPROBO, M.S., PH.D.**
Professor of Civil Engineering,
INSTITUT TEKNOLOGI SEPULUH NOPEMBER
Applicant's former teacher.