



ASIIN

STAFF HANDBOOK



CIVIL ENGINEERING
POLITEKNIK NEGERI JAKARTA

BUILDING CONSTRUCTION ENGINEERING
CIVIL ENGINEERING
POLITEKNIK NEGERI JAKARTA

ACKNOWLEDGEMENT

Deepest thank To Allah SWT because of His grace and blessing, the Staff Handbook of the Building Construction Engineering Study Program, Department of Civil Engineering, Politeknik Negeri Jakarta was successfully compiled. This document was prepared to meet the supporting requirements of the ASIIN international accreditation document.

This book was prepared based on various references and ASIIN international accreditation reference guidelines and input from various sources. The authors still feel the need for suggestions and input for the improvement of this book. The preparation of this book is inseparable from the assistance of various parties, especially the academic community of the Department of Civil Engineering, Politeknik Negeri Jakarta.

We hope that this book will be useful for the Building Construction Engineering Study Program, Department of Civil Engineering and other Study Programs at the Politeknik Negeri Jakarta.



TABLE OF CONTENTS

	Halaman
<i>Basic Knowledge of Civil Engineering</i>	
Asyraf Wajih	1
Darul Nurjanah	3
Ega Edistria	5
Jonathan Saputra	6
Rita Farida Dachlan	9
Tri Wulan Sari	11
<i>Contruction Management of Civil Engineering</i>	
Agung Budi Broto	14
I Ketut Sucita	16
Imam Hariadi Sasongko	20
Iwan Supriyadi	21
RA. Kartika Hapsari Sutantiningrum	22
Safri	24
Zainal Nur Arifin	26
<i>Geotechnic of Civil Engineering</i>	
A'isyah Salimah	28
Andikanoza Pradipta	31
Arliandy Pratama	33
Handi Sudardja	35
Putera Agung Maha Agung	37
Sony Pramusandi	40
Yelvi	42
<i>Green Building, Environmental Architecture, Indoor Air Quality</i>	
Dyah Nurwidyaningrum	45
<i>Material of Civil Engineering</i>	
Agus Murdiyoto R	49
Amalia	50
Anni Susilowati	53
Eko Wiyono	56
Mudiono Kasmuri	58
Muhtarom Riyadi	61
Pratikto	63
Sarito	65
<i>Structure of Civil Engineering</i>	
Andrias Rudi Hermawan	67
Anis Rosyidah	71
Eka Sasmita Mulya	75
Erlina Yanuarini	77



Fauzri Fahimudin	80
Lilis Tiyani	82
Praganif Sukarno	84
Rinawati	86
Sukarman	87
Yanuar Setiawan	77

Water Resources of Civil Engineering

Denny Yatmaji	91
Mursid	94
Sriptto	96





**“BASIC KNOWLEDGE OF CIVIL
ENGINEERING”**

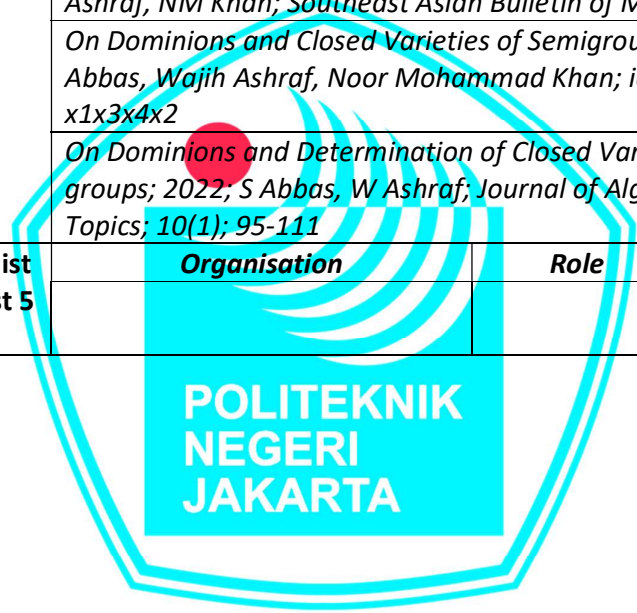
POLITEKNIK
NEGERI
JAKARTA

Staff Handbook



Name	<i>Asyraf Wajih, S.Si., M.Si.</i>		
Post	<i>Basic Knowledge of Civil Engineering (Applied Computer)</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>2020</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Indonesia</i>	<i>2018</i>
	Undergraduate degree (subject)	<i>Institut Teknologi Bandung</i>	<i>2015</i>
Employment	Position	Employer	Period
	<i>Lecturer</i>	<i>Politeknik Negeri Jakarta</i>	<i>2</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Epimorphically preserved semigroup identities; 2016; Wajih Ashraf; Jurnal Semigroup Theory Appl; 2017; 1</i>		
	<i>Characterizations of Ordered Semigroups in Terms of Anti-fuzzy Ideals; 2019; Abdus Salam, Wajih Ashraf, Ahsan Mahboob, Noor Mohammad Khan; Fuzzy Information and Engineering; 11(4); 428-445</i>		
	<i>Levels and toxicity of polycyclic aromatic hydrocarbons in black tea varieties consumed in Saudi Arabia; 2019; W Ashraf, AMS Ali, N Abulibdeh, A Salam; Current Topics in Toxicology; 15; 69-74</i>		

	<i>Dominions and Zigzag theorem for Γ-semigroups; 2020; Wajih Ashraf, Shabir Ahmad Ahangar, Abdus Salam, Noor Mohammad Khan; Journal Of Mathematical Extension; 15.</i>		
	<i>On dominions and varieties of bands; 2021; Shabnam Abbas, Wajih Ashraf, Aftab Hussain Shah; Asian-European Journal of Mathematics; 14(8); 2150140</i>		
	<i>On epimorphisms and structurally regular semigroups; 2021; Aftab Hussain Shah, Sakeena Bano, Shabir Ahmad Ahanger, Wajih Ashraf; Categories and General Algebraic Structures with Applications; 15(1); 231-253</i>		
	<i>On Closed Homotypical Varieties of Semigroups; 2021; Sh Abbas, W Ashraf, N Noor Rafiquee; Journal of Algebra and Related Topics; 9(2); 85-95</i>		
	<i>On Sandwich Sets in Legal Semigroups.; 2022; Abdus Salam, Wajih Ashraf, NM Khan; Southeast Asian Bulletin of Mathematics; 46(1)</i>		
	<i>On Dominions and Closed Varieties of Semigroups; 2022; Shabnam Abbas, Wajih Ashraf, Noor Mohammad Khan; identity; 1; x1x3x4x2</i>		
	<i>On Dominions and Determination of Closed Varieties of Semigroups; 2022; S Abbas, W Ashraf; Journal of Algebra and Related Topics; 10(1); 95-111</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode



Staff Handbook



Name	<i>Darul Nurjanah, S.Ag., M.Si.</i>		
Post	<i>Basic Knowledge of Civil Engineering (Islamic Education)</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1996</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Indonesia</i>	<i>2012</i>
	Undergraduate degree (subject)	<i>IAIN Sunan Kalijaga Yogyakarta</i>	<i>1995</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>26</i>
Research and development projects over the last 5 years	<i>Model Pembelajaran Pendidikan Agama Islam Berbasis Sentuhan Psikologis sebagai Upaya Menciptakan Mahasiswa yang Berakhlakul Karimah; 2016; Darul Nurjanah; Penelitian Dosen Pemula PNJ</i>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Model of "Research Methodology" Writing of Applied Bachelor's Final Project Based On Genre; 2017; Nur Hasyim, Ade Sukma Mulya, Sri Wahyono, Darul Nurjanah; Prosiding Sentrinov (Seminar Nasional Terapan Riset Inovatif); 3(1); PD24-PD28</i>		
	<i>Perbaikan Atap Toilet, Pasang dan Plester Dinding, Pasang Keramik dan Pintu Mushola Al Hidayah, Pondok Manggis Rt 03/04, Bogor; 2018; Tri Widya Swastika, Sarito Sarito, Darul Nurjanah; Mitra Akademia: Jurnal Pengabdian Masyarakat; 1(1)</i>		
	<i>Model of Theory Writing for Applied Master Thesis Based on Genre; 2018; Journal Polingua: Scientific Journal of Linguistics, Literature and Language Education; 7(2); 50-53</i>		

Activities in Specialist Bodies Over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Periode</i>



Staff Handbook



Name	<i>Ega Edistria, S.Pd., M.Pd.</i>		
Post	<i>Basic Knowledge of Civil Engineering (Mathematics)</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>2018</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Pendidikan Indonesia</i>	<i>2012</i>
	Undergraduate degree (subject)	<i>Universitas Negeri Padang</i>	<i>2009</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>4</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Pengaruh Hypnoteaching dalam Problem-Based Learning terhadap Kemampuan Komunikasi Matematis Siswa; 2016; Ega Edistria; Jurnal Inovasi Pendidikan Dasar; 1(2); 59-66</i>		
	<i>Penerapan Hypnoteaching Untuk Meningkatkan Kemampuan Self-Regulated Learning Mahasiswa Papua Dalam Mata Kuliah Desain Pembelajaran; 2019; Ega Edistria, Bobbi Rahman, Abdul Azis Abdillah; Epigram; 16(1)</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode

Staff Handbook



Name	<i>Jonathan Saputra, S.Pd., M.Si.</i>		
Post	<i>Basic Knowledge of Civil Engineering (Mathematics)</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>2019</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Institut Teknologi Bandung</i>	<i>2018</i>
	Undergraduate degree (subject)	<i>Sekolah Tinggi Keguruan dan Ilmu Pendidikan Kebangkitan Nasional</i>	<i>2013</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>3</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Perbandingan Pengaruh Teknik Pengelompokan Umum dan Fuzzy K-Means Clustering terhadap Manfaat Pembelajaran Kooperatif Tipe STAD; 2016; Jonathan Saputra; PRISMA, Prosiding Seminar Nasional Matematika; 242-258</i>		
	<i>Robust H^∞ controller for bilinear system to minimize HIV concentration in blood plasma; 2019; Jonathan Saputra, Roberd Saragih,</i>		

	<i>Dewi Handayani; Journal of Physics: Conference Series; 1245(1); 012055</i>
	<i>Penerapan Sistem Manajemen Mutu Iso 9001 Pada Kontraktor PT. X; 2020; Arief Darmawan, Sidiq Wacono, Jonathan Saputra; Construction and Material Journal; 2(3); 201-211</i>
	<i>Tenda Darurat Dan Kipas Angin Blower Untuk Menunjang Penanggulangan Covid-19 Di Rsud Kota Depok Jawa Barat; 2020; Dyah Nurwidyaningrum, Muhammad Fathur Rouf Hasan, Jonathan Saputra; JMM (Jurnal Masyarakat Mandiri); 4(6); 1117-1125</i>
	<i>Analisis Implementasi Standar Pelayanan Minimal Politeknik Negeri Jakarta Menuju Badan Layanan Umum; 2020; Dyah Nurwidyaningrum, Jonathan Saputra; Repository Politeknik Negeri Jakarta</i>
	<i>Perception Analysis Of PNJ Civil Engineering Students Toward Main Course Using Importance Performance Analysis Method; 2021; Amalia Amalia, Muhammad Fathur Rouf Hasan, Erlina Yanuarini, Yanuar Setiawan, Jonathan Saputra; Pedagogia: Jurnal Pendidikan; 10(1); 61-78</i>
	<i>Analisis Penerapan Klausul-Klausul Sistem Manajemen Lingkungan ISO 14001: 2015 pada Pekerjaan Konstruksi di Proyek X; 2021; Imam Mubasyir, Wahyuni Susilowati, Jonathan Saputra; Jurnal Ilmiah Rekayasa Sipil; 18(2); 186-196</i>
	<i>Analisis Tingkat dan Faktor Produktivitas Tenaga Kerja pada Pekerjaan Struktur Atas di Proyek X; 2021; Gita Ambarwati Wijaya, I Ketut Sucita, Jonathan Saputra; Jurnal Teknik Sipil; 13(2)</i>
	<i>Application of Common Data Environment (CDE) As a Method of Design Review in Construction Project; 2022; Sabrina Ayu Lestari, Hari Purwanto, Jonathan Saputra; Jurnal Rancang Bangun dan Teknologi; 22(2); 103-109</i>
	<i>Efek Torsi Bangunan Terhadap Respon Struktur Pada Sistem Rangka Pemikul Momen Khusus dan Sistem Ganda; 2022; Suci Fadhilah Ramadhani, Jonathan Saputra, Anis Rosyidah; Dinamika Rekayasa; 18(1); 1-11</i>
	<i>Studi Usia Pekerja Dan Kepedulian Terhadap Bahaya Di Lingkungan Proyek Konstruksi; 2022; Jonathan Saputra, Farah Zul Faykal; Construction and Material Journal; 4(2); 123-128</i>
	<i>Kinerja Beton Self Compacting Concrete Dengan Bahan Tambah Limbah Pet; 2022; Raka Kana Pila, Jonathan Saputra; Jurnal Politeknologi; 21(1); 37-43</i>
	<i>Chemical Anchor Pullout Force Modeling with Variation of Anchor Embedment Length in Concrete and Concrete Strength; 2022; Anis Rosyidah, Jasun Widiana Putra, Jonathan Saputra; Journal of the Civil Engineering Forum; 277-290</i>
	<i>Pembuatan Instalasi Pengolah Cuka Kayu Di Kelurahan Beji Timur, Depok, Jawa Barat; 2022; Jonathan Saputra, Lilis Tiyani; JMM (Jurnal Masyarakat Mandiri); 6(3); 2322-2331</i>

	<i>Kajian Pengaruh Kebisingan Proyek Konstruksi Terhadap Kenyamanan Warga Permukiman Sekitar; 2022; Atma Noor Fitria, Wahyuni Susilowati, Jonathan Saputra; Jurnal Poli-Teknologi; 21(2); 46-59</i>		
	<i>Analisis faktor-faktor yang mempengaruhi kompetensi lulusan melalui tracer study; 2022; Jonathan Saputra, Dyah Nurwidyaningrum, Amalia Amalia; Jurnal Taman Vokasi; 10(1)</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode



Staff Handbook



Name	<i>Rita Farida Dachlan, S.H, M.H.</i>		
Post	<i>Basic Knowledge of Civil Engineering (Law Education)</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1995</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	?	?
	Undergraduate degree (subject)	<i>Universitas Pakuan</i>	<i>1991</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>27</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Penerapan Waktu Kerja Lembur Menurut Uu No. 13 Tahun 2003 Tentang Tenaga Kerja Pada Lulusan Baru Jurusan Teknik Sipil Politeknik Negeri Jakarta Yang Bekerja Di Perusahaan ...; 2017; Rita Farida, Dyah Nurwidyaningrum; Epigram; 14(1)</i>		
	<i>Pelanggaran Etika Profesi Bankir Dalam Dimensi Kejahatan Perbankan; 2018; Ida Nurhayati, Rita Farida; Epigram; 15(1)</i>		
	<i>Kesadaran Bela Negara Pada Mahasiswa; 2019; Minto Rahayu, Rita Farida, Asep Apriana; Epigram; 16(2); 175-180</i>		
	<i>Hak Dan Kewajiban Hukum Dalam Hubungan Antara Nasabah Dengan Bank; 2020; Ida Nurhayati, Rita Farida; Prosiding Seminar Nasional Terapan Riset Inovatif (SENTRINOV); 6(2); 50-56</i>		

	<i>Whistle Blowing System in Banking as a Social Control Tool in Banking Crime Prevention Efforts; 2022; Ida Nurhayati, Rita Farida, Indianik Aminah; International Conference on Applied Science and Technology on Social Science 2021 (iCAST-SS 2021); 809-815</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode



Staff Handbook



Name	<i>Tri Wulan Sari, S.Si., S.Pd., M.Si.</i>		
Post	<i>Basic Knowledge of Civil Engineering (Physics)</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>2019</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Indonesia</i>	<i>2016</i>
	Undergraduate degree (subject)	<i>Universitas Negeri Malang</i>	<i>2013</i>
Employment	Position	Employer	Period
	<i>Lecturer</i>	<i>Politeknik Negeri Jakarta</i>	<i>3</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Distribusi Reservoir Lapisan Tipis Batupasir menggunakan Metode Dekomposisi Spektral Fast Fourier Transform (FFT) pada Lapangan "Suki"; 2016; TW Sari, Supriyanto, Leonard Lisapaly, RA Saputro; Seminar Nasional Jurusan Fisika FMIPA UM 2015; 37-47</i>		
	<i>Successful delineation of thin channel deposit reservoir by applying RGB Blending of Spectral Decomposition Method : case study in SA Field, West Natuna Basin; 2017; TW Sari, A Haris, Leonard Lisapaly, RA Saputro; Joint Convention Malang 2017, HAGI – IAGI – IAFMI- IATMI (JCM 2017); 030182_1- 030182_4</i>		

	<i>Delineating stratigraphic trap reservoir using RGB color blending of spectral decomposition method: Case study in the West Natuna Basin; 2017; Abd Haris, TW Sari, L Lisapaly, N Isniarny, Agus Riyanto, Sujito; AIP Conference Proceedings; 1862(1); 030182_1-030182_4</i>
	<i>Lithology Interpretation Based on Well Log Data Analysis in “JS” Field; 2019; Tri Wulan Sari, Sujito Sujito; Applied Research on Civil Engineering and Environment; 1(1); 31-37.</i>
	<i>Last Planner System Pada Proyek Rumah Susun Transit Oriented Development; 2020; Tri Wulan Sari Afrizal Nursin, Fitria Fitria; Prosiding Seminar Nasional Teknik Sipil 2020; 1(1); 32-40</i>
	<i>Peduli Dan Pencegahan Covid-19 Di Rt. 009, Rw. 016, Kelurahan Bakti Jaya, Kecamatan Sukma Jaya, Depok; 2021; Tri Wulan Sari Yelvi, Erlina Yanuarini; Mitra Akademia Journal; 2(3); 75-82</i>
	<i>Analisis Sifat Fisis Agregat Halus Pasir Dan Limbah Plastik; 2021; Muhtarom Riyadi, Tri Wulan Sari; Construction and Material Journal; 3(2); 97-103</i>
	<i>Analisis Produktivitas Pengeboran Tanah Menggunakan Alat Rcd (Reverse Circulation Drilling); 2021; Kusumo Sutjahjo, Tri Wulan Sari, Ghaisani Hawari; Jurnal Ilmiah Teknologi Infomasi Terapan; 8(1); 100-105</i>
	<i>Natural Lighting Of Studio Apartment With East-Oriented Opening; 2021; Aisyah Anindya Putri, Dyah Nurwidyaningrum, Tri Wulan Sari; Journal of Engineering Design and Technology; 21(1); 23-30</i>
	<i>Identifikasi Potensi Bahaya Dan Pengendaliannya Pada Pekerjaan Bekisting Aluma System Proyek X; 2021; Kusumo Dradjad Sutjahjo, Tri Wulan Sari, Fadhlin Sahara; Construction and Material Journal; 3(2); 89-95</i>
	<i>Modifikasi Shading Devices terhadap Penurunan OTTV (Overall Thermal Transfer Value) pada Apartemen X; 2021; Indah Amelyana, Dyah Nurwidyaningrum, Tri Wulan Sari; 13(2); 64-69</i>
	<i>Pelaksanaan Pekerjaan Struktur Lantai 3 Gedung A Proyek X Daan Mogot, Jakarta Barat; 2022; Denny Yatmadi, Tri Wulan Sari, Linda Sari Wulandari, Sara Stevani Beatrix, Tsalitsa Felyan Nugrohowaty; Prosiding Seminar Nasional Teknik Sipil; 4(2); 200-208</i>
	<i>Efforts To Promote Infrastructure Through The Making Of A Light Steel Frame Bridge With Composite Floor In Nanggela Village; 2022; Andi Indianto, Tri Wulan Sari, Rikki Sofyan Arizal; Jurnal Pengabdian Masyarakat; 5(1); 1522-1529</i>
	<i>Density Analysis Of River Water Throughout Jakarta City To Hydrostatic Pressure; 2022; Jurnal Pendidikan Fisika dan Keilmuan; 7(2); 139</i>
	<i>Influence Of Salinity Levels Analysis On Settling Velocity Of Fine Sediment Grains In Ciliwung Estuary: Salinity Levels On Settling Velocity Of Fine Sediment Grains; 2022; Tri Wulan Sari, Denny</i>

	<p><i>Yatmadi, Rommy Martdianto; Jurnal Rancang Bangun dan Teknologi; 22(2); 110-118</i></p> <p><i>Analisis Jenis Longsoran Pada Daerah Wisata Berlereng Tajam, Banten; 2022; Dyah Nurwidyaningrum, Tri Wulan Sari, Handi Sudardja, Suzan binti Impak; Prosiding Seminar Nasional Teknik Sipil; 2(1); 1-8</i></p> <p><i>Islamic Boarding School Building Design With A Covid-19 Protection Protocol; 2022; Dyah Nurwidyaningrum, Tri Wulan Sari, Sujito Sujito; Journal of Islamic Architecture; 7(1); 104-110</i></p>		
<p>Activities in Specialist Bodies Over the last 5 years</p>	<p>Organisation</p>	<p>Role</p>	<p>Periode</p>





Staff Handbook



Name	<i>Agung Budi Broto, S.T., M.T.</i>		
Post	<i>Construction Management of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1989</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Institut Teknologi Sepuluh Nopember</i>	<i>2016</i>
	Undergraduate degree (subject)	<i>Universitas Diponegoro</i>	<i>1995</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>33</i>
Research and development projects over the last 5 years	<i>Sistem Penjadwalan Proyek Konstruksi Menggunakan Bar Chart Dan Kurva S Berbasis Excel; 2021; Agung Budi Broto; Penelitian Internal PNJ; 10 Juta</i>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	<i>Pengaruh Penerapan Sistem Manajemen Mutu ISO 9001: 2015 Pada Kinerja Karyawan Konstruksi ; 2019; Muhamad Ramadhan, Agung Budi Broto, Prosiding Seminar Nasional Teknik Sipil (SNTS), 1(1), 372-379</i>		
	<i>Penerapan FAHP Pada Pemilihan Metode Pelaksanaan Erection Box Girder; 2020; Agung Budi Broto, Dul Azis Mei Maulana, Jurnal Politeknologi, 19(1), 87-98</i>		

	<p><i>Pengendalian Waktu Menggunakan Metode Eva Pada Pekerjaan Struktur Atas; 2019; Erika Wahyu Amelia, Agung Budi Broto; Prosiding Seminar Nasional Teknik Sipil (SNTS), 1(1), 245-251</i></p> <p><i>Tinjauan Metode Konstruksi Top-Down Dan Bottom-Up Berdasarkan Biaya Dan Waktu; 2019; Pramesti Nurhaliza Alifani, Rayhan Mahesa Kurnia, Agung Budi Broto; Prosiding Seminar Nasional Teknik Sipil (SNTS), 1(1), 551-560</i></p> <p><i>Perbandingan Biaya (Erection) U-Shape Girder Menggunakan Crawler Crane Dan Gantry Launcher Proyek LRT Jabodebek; 2019; Nurhasanah Nurhasanah, Agung Budi Broto; Prosiding Seminar Nasional Teknik Sipil (SNTS), 1(1), 452-460</i></p> <p><i>Assessment Greenship Neighborhood Pada Pemanfaatan Limbah Padat Di Kampus (Studi Kasus: Politeknik Negeri Jakarta); 2022; Anggita Leoriza Apogee, Ester Putri Pertiwi, Dyah Nurwidyaningrum, Agung Budi Broto; Prosiding Seminar Nasional Teknik Sipil; 2; 35-42</i></p>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Period
	-	-	-



Staff Handbook



Name	<i>I Ketut Sucita, S.Pd., M.ST., M.T.</i>		
Post	<i>Construction Management of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1998</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Institut Teknologi Sepuluh Nopember</i>	<i>2009</i>
	Undergraduate degree (subject)	<i>Politeknik Negeri Bandung</i>	<i>2003</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>24</i>
Research and development projects over the last 5 years	<i>Kekuatan Lekat Tulangan Fiber Reinforced Polymer (FRP) pada Beton Mutu Tinggi (ANggota); Tahun; I Ketut Sucita; Unggulan (PNJ)</i>		
	<i>Model Sambungan pada Beton Keras dengan menggunakan beberapa Product Grouting (anggota); Tahun; I Ketut Sucita; Unggulan PT / Ditlitabnas</i>		
	<i>Model Sambungan pada Beton Keras dengan menggunakan beberapa Product Grouting (anggota); Tahun; I Ketut Sucita; Unggulan PT / Ditlitabnas</i>		
	<i>Model Sambungan pada Beton Keras dengan menggunakan beberapa Product Grouting (anggota); Tahun; I Ketut Sucita; Unggulan PT / Ditlitabnas</i>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-

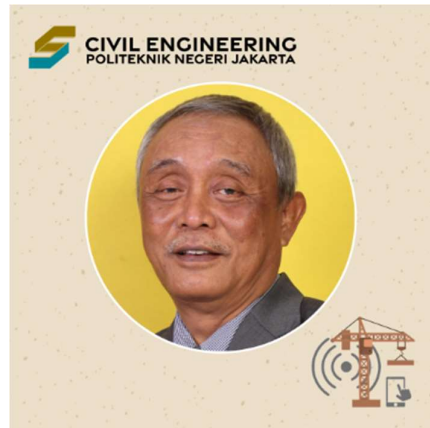
<p>Important publications over the last 5 years</p>	<p><i>The Bond Strength of Glass Fiber Reinforced Polymer (GFRP) Reinforcement with Monolith Concrete; 2018; Anis Rosyidah, I Ketut Sucita, Fery Hidayat; International Journal on Advanced Science, Engineering and Information Technology; 8(2); 495-500</i></p>
	<p><i>Modeling of the Reinforcement Minimum Spacing of Precast Concrete Using Grouting; 2018; Anis Rosyidah, Gigih Muslim Prayogo, I Ketut Sucita; 2018 International Conference on Applied Science and Technology (iCAST); 674-679</i></p>
	<p><i>Penerapan SMK3 pada proyek pembangunan apartemen tamansari iswara bekasi; 2019; Yola Amriyani, I Ketut Sucita; Prosiding Seminar Nasional Teknik Sipil; 1(1); 631-638</i></p>
	<p><i>The Response of The Friction High Strength Bolt Connection for Steel Truss Bridge; 2019; Anis Rosyidah, Okky Irawan, Praganif Sukarno, I Ketut Sucita; ICESC 2019: Proceedings of the 1st International Conference on Engineering, Science, and Commerce, ICESC 2019, 18-19 October 2019, Labuan Bajo, Nusa Tenggara Timur, Indonesia; 160</i></p>
	<p><i>Bond strength of bar using grouting for precast concrete connection; 2019; Anis Rosyidah, I Ketut Sucita, Praganif Sukarno, SR Permita Sari, Chintya Sari; Applied Research on Civil Engineering and Environment (ARCEE); 1(1); 1-9</i></p>
	<p><i>Analisis Penyebab Terjadinya Cost Overrun pada Proyek Konstruksi Bangunan Gedung; 2019; Muhammad Ainul Yaqin Hamidullah, I Ketut Sucita; Prosiding Seminar Nasional Teknik Sipil; 1(1); 752-760</i></p>
	<p><i>Analisis Keterlambatan Pada Proyek Apartemen Berkonsep Transit Oriented Development (TOD); 2020; Bagas Prawiro Dwiputranto, I Ketut Sucita; Jurnal Poli-Teknologi; 19(1); 63-70</i></p>
	<p><i>Penerapan Konstruksi Hijau Pada Proyek Apartemen X Di Jakarta Pusat; 2020; Construction and Material Journal; Narisa Adianti, I Ketut Sucita; Construction and Material Journal; 2(2); 91-98</i></p>
	<p><i>Biaya Sewa Bekisting Metode Sistem Penuh Dengan Material Aluminium; 2020; Putri Oktavia, I Ketut Sucita; Prosiding Seminar Nasional Teknik Sipil; 41-49</i></p>
	<p><i>A Modification of Pile Unit Skin (f) of Frictional Resistance (Qs) on Clayey Layer at Central of Jakarta; 2020; Putera Agung Maha Agung, Andreas Rudi Hermawan, I Ketut Sucita</i></p>
	<p><i>Budaya K3 Pada Proyek Apartemen Royal Sentul Park; 2020; Muhammad Iqbal Yahya, I Ketut Sucita; Prosiding Seminar Nasional Teknik Sipil; 50-58</i></p>
	<p><i>Pengaruh Manajemen Keselamatan Dan Kesehatan Kerja Pada Produktivitas Proyek Pembangunan Apartemen X; 2020; Anggi Savela Nurta Maharani, I Ketut Sucita; Prosiding Seminar Nasional Teknik Sipil; 1(1); 24-31</i></p>
	<p><i>Comparison Between the BOQ of Conventional and BIM Method on BPJS Building in Central Jakarta; 2021; Mutia Hanuun Ufaira</i></p>

<p>Akbar, I Ketut Sucita, Erlina Yanuarini; Jurnal Rancang Bangun dan Teknologi; 21(1); 31-39</p>			
<p>Pendampingan Pengelola Yayasan Riyadul Falah Dalam Perbaikan Bangunan Gedung Gagal Konstruksi; 2021; Agung Budi Broto, Muhammad Fathur Rouf Hasan, Sukarman Sukarman, I Ketut Sucita; JMM (Jurnal Masyarakat Mandiri); 5(6); 3476-3486</p>			
<p>The bond strength of steel bar base on rib geometry bar in pullout test; 2021; Anis Rosyidah, Johannes Adhijoso Tjondro, I Ketut Sucita; Stavební obzor-Civil Engineering Journal; 30(1)</p>			
<p>Analisis Tingkat dan Faktor Produktivitas Tenaga Kerja pada Pekerjaan Struktur Atas di Proyek X; 2021; Gita Ambarwati Wijaya, I Ketut Sucita, Jonathan Saputra; Jurnal Teknik Sipil; 13(2); 56-63</p>			
<p>Penerapan Manajemen Risiko Pada Proyek Konstruksi Gedung (Studi Kasus Proyek Apartemen Apple 3 Condovilla–Jakarta Selatan); 2021; Muhammad Alfanny Setiawan, I Ketut Sucita, Bayu Sarwono; Construction and Material Journal; 3(3); 197-205</p>			
<p>Analisis Waktu dan Biaya Perbandingan Erection Box Girder Menggunakan Metode Crane dan Launcher; 2021; Bunga Islami Fortuna, I Ketut Sucita, Rikki Sofyan Rizal; Jurnal Ilmiah Rekayasa Sipil; 18(2); 100-112</p>			
<p>Optimasi Site-Layout Menggunakan Metode Multi-Objectives Function; 2021; Zhafran Gustam Muzhaffar, I Ketut Sucita; Prosiding Seminar Nasional Teknik Sipil; 174-181</p>			
<p>The Bond Strength on Over Lapping Bars Using Pullout Test; 2021; Anis Rosyidah, J Adhijoso Tjondro, I Ketut Sucita</p>			
<p>Pengaruh Kompetensi Project Manager Terhadap Keberhasilan Proyek Konstruksi Gedung Apartemen X; 2022; Nedyia Sonelma, I Ketut Sucita ; Construction and Material Journal; 4(1); 71-81</p>			
<p>Analisis Produktivitas Tenaga Kerja Terhadap Pekerjaan Keramik Pada Pandemi Covid-19; 2022; Safri Safri, Azzahra Nursantyendo Putri, I Ketut Sucita; Jurnal Ilmiah Teknik Sipil; 8(1); 29-36</p>			
<p>Analisis Penyebab Keterlambatan Arsitektur Proyek Apartemen Dengan Metode Fault Tree Analysis; 2022; Tasya Nabilah, I Ketut Sucita; Jurnal Teknik Sipil; 16(2); 88-95</p>			
<p>Perbandingan Boq Tulangan Antara Metode Konvensional Dengan Bim Apartemen “X”; 2022; Tasya Putri Artanti, I Ketut Sucita, Erlina Yanuarini; Jurnal Poli-Teknologi; 21(1); 28-35</p>			
<p>Analysis Of Implementation Supply Chain Management Material Procurement Effect On Construction Project Performance; 2022; Mayda Pahinggis, I Ketut Sucita; Jurnal Rancang Bangun dan Teknologi; 22(2); 89-96</p>			
<p>Optimasi Tata Letak Tower Crane pada Proyek X; 2022; Fikhi Hamdani, I Ketut Sucita ; Media Komunikasi Dunia Ilmu Sipil; 4(1); 35-39</p>			
	Organisation	Role	Periode

Activities in Specialist Bodies Over the last 5 years			
--	--	--	--



Staff Handbook



Name	<i>Imam Hariadi S, S.T., M.M. M.B.A.</i>		
Post	<i>Construction Management of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1984</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Satyagama</i>	<i>1997</i>
	Undergraduate degree (subject)	<i>Universitas Jayabaya</i>	<i>1994</i>
		<i>Politeknik Negeri Bandung</i>	<i>1987</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>38</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Analisis Perbandingan Antara Kekuatan Geser Di Lapangan Dan Di Laboratorium; 2019; Ferdinan Julianto, Hafidah Mustha'anah, Imam Hariadi Sasongko; Prosiding Seminar Nasional Teknik Sipil; 1(1); 227-233</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode

Staff Handbook



Name	<i>Iwan Supriyadi, BSCE., M.T.</i>		
Post	<i>Construction Management of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1996</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Indonesia</i>	<i>1998</i>
	Undergraduate degree (subject)	<i>University Of Kentucky, USA</i>	<i>1990</i>
		<i>Politeknik Negeri Jakarta</i>	<i>1985</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>26</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	-		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode

Staff Handbook



Name	RA. Kartika Hapsari, S.ST., M.T.		
Post	Construction Management of Civil Engineering		
Academic career	Initial academic appointment	Politeknik Negeri Jakarta	2020
	Doctorate (subject)	-	-
	Master Degree (subject)	Universitas Diponegoro	2017
	Undergraduate degree (subject)	Universitas Diponegoro	2012
Employment	Position	Employer	Period
	Assistant Professor	Politeknik Negeri Jakarta	2
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	Opsi KPBU Proyek SPAM Regional Keburejo Provinsi Jawa Tengah: Pendekatan Manajemen Risiko; 2019; Kartika Hapsari Sutantiningrum, Jati Utomo Dwi Hatmoko; Media Komunikasi Teknik Sipil; 25(1); 69-80		
	Strategi Mitigasi Risiko Proyek KPBU Pembangunan SPAM Regional: Studi Kasus SPAM Regional Wosusokas Provinsi Jawa Tengah; 2019; Kartika Hapsari Sutantiningrum, Sri Rejeki Laku Utami; Prosiding Seminar Nasional Unimus; 2		
	Analisis Perhitungan Geser Balok Normal Dengan Geser Balok Perilaku Carbon Fiber Reinforced Polymer (Cfrp) Terhadap Balok Beton Bertulang; 2019; Sri Rejeki Laku Utami, Kartika Hapsari Sutantiningrum; Jurnal Kajian Teknik Sipil; 4(1); 35-47		

	<p><i>Analisis Risiko Proyek KPBU SPAM Regional Wosusokas Provinsi Jawa Tengah-Perspektif Pemerintah; 2019; Kartika Hapsari Sutantiningrum, Sri Rejeki Laku Utami; Jurnal Presipitasi: Media Komunikasi dan Pengembangan Teknik Lingkungan; 16(3); 186-195</i></p>		
	<p><i>Analisis Faktor Penyebab Terjadinya Change Order pada Proyek Konstruksi Bangunan Bertingkat; 2021; Safri Safri, Kristian Hadinata Matondang, Kartika Hapsari Sutantiningrum; Seminar Nasional Ketekniksipilan, Infrastruktur dan Industri Jasa Konstruksi (KIIJK); 1(1); 503-508</i></p>		
	<p><i>Pengembangan Daerah Pelayanan Air Minum Kabupaten Seruyan Dengan Sistem Zonasi; 2022; Kartika Hapsari, Insan Kamal, Safri Safri; Jurnal Ilmiah Teknologi Infomasi Terapan; 8(2)</i></p>		
<p>Activities in Specialist Bodies Over the last 5 years</p>	<p>Organisation</p>	<p>Role</p>	<p>Periode</p>



Staff Handbook



Name	<i>Safri, S.T., M.T.</i>		
Post	<i>Construction Management of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>2020</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Indonesia</i>	<i>2018</i>
	Undergraduate degree (subject)	<i>Universitas Tarumanegara</i>	<i>2012</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>2</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Pengembangan Alur Komunikasi Peran QS (Quantity Surveyor) Pada Developer Swasta Dinilai Dari Segi Risiko; 2019; Safri, Ario Star; Jurnal Komposit; 3; 23</i>		
	<i>Analisis Quantity Take-Off Menggunakan BIM Pada Proyek Jalan Tol "X"; 2021; Karina Travis, Nunung Martina, Safri; Journal of Applied Civil Engineering and Infrastructure Technology; 2(2); 23-31</i>		
	<i>Analisis Faktor Penyebab Terjadinya Change Order pada Proyek Konstruksi Bangunan Bertingkat; 2021; Seminar Nasional Ketekniksipilan, Infrastruktur dan Industri Jasa Konstruksi (KIIJK); 1(1); 503-508</i>		
	<i>Analysis of Life Cycle Cost in Developing the Capital City of East Bogor Regency; 2021; Rizal Kurniawan, Pungky Dharma Saputra,</i>		

	<i>Safri; 2nd Borobudur International Symposium on Science and Technology (BIS-STE 2020)</i>		
	<i>Development of Delay Factor Model for Substructure Works in Building Construction; 2021; Iwan Kurniawan, Pungky Dharma Saputra, Safri; 2nd Borobudur International Symposium on Science and Technology (BIS-STE 2020); 203; 259-264</i>		
	<i>Pengembangan Daerah Pelayanan Air Minum Kabupaten Seruyan Dengan Sistem Zonasi; 2022; Kartika Hapsari, Insan Kamal, Safri Safri; Jurnal Ilmiah Teknologi Infomasi Terapan; 8(2)</i>		
	<i>Analisis Produktivitas Tenaga Kerja Terhadap Pekerjaan Keramik Pada Pandemi Covid-19; 2022; Safri Safri, Azzahra Nursantyendo Putri, I Ketut Sucita; KERN: Jurnal Ilmiah Teknik Sipil; 8(1); 29-36</i>		
	<i>Comparison of BIM and Conventional Method to Analyze Dimension and Volume of Abutment; 2022; Rayhan Anugrah Yuliano, Nunung Martina, Safri Safri; Applied Research on Civil Engineering and Environment (ARCEE); 3(2); 75-87</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode



Staff Handbook



Name	<i>Dr. Sc., Zainal Nur Arifin, Dipl.-Ing. HTL., M.T.</i>		
Post	<i>Contraction Management Of Civil Engineering (Manajement Transportation of Civil Engineering)</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1992</i>
	Doctorate (subject)	<i>Technische Fachhochschule Berlin</i>	<i>2015</i>
	Master Degree (subject)	<i>Universitas Indonesia</i>	<i>2000</i>
	Undergraduate degree (subject)	<i>Ingenieurschule Interkantonaes Technikum</i>	<i>1988</i>
		<i>Politeknik Negeri Jakarta</i>	<i>1985</i>
Employment	Position	Employer	Period
	<i>Associate Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>30</i>
Research and development projects over the last 5 years	<i>Pemetaan Tematik Kampus PNJ untuk Pembuatan Peta Digital sebagai Aplikasi Perencanaan Konstruksi Berbasis Metode Photogrammetry dan Survei GPS; 2020; Zainal Nur Arifin; Penelitian Internal PNJ; 55 Juta</i>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Analisis Kinerja Gerbang Tol Kamal 1 Pasca Penambahan Gardu Transaksi; 2019; Minsari Minsari, Zainal Nur Arifin; Prosiding Seminar Nasional Teknik Sipil; 1(1); 542-550</i>		
	<i>Analisis Penanganan Kemacetan Pada Simpang Gapek , Tangerang Selatan; 2019; Ditya Ramdhani Eka Rusmana, Muhammad</i>		

	<i>Reza Putra Deantono, Zainal Nur Arifin; Prosiding Seminar Nasional Teknik Sipil; 1(1); 703-710</i>		
Activities in Specialist Bodies Over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Periode</i>





“GEOTECHNIC OF CIVIL ENGINEERING”

POLITEKNIK
NEGERI
JAKARTA

Staff Handbook



Name	<i>A'isyah Salimah, S.T., M.T.</i>		
Post	<i>Geotechnic of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>2015</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Gunadarma</i>	<i>2013</i>
	Undergraduate degree (subject)	<i>Universitas Gunadarma</i>	<i>2011</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>7</i>
Research and development projects over the last 5 years	<i>Studi Variasi Waktu Pemeraman Terhadap Nilai CBR Tanah yang di Stabilisasi Dengan Serbuk Bata Merah; 2021; A'isyah Salimah; Penelitian Internal PNJ; 14 Juta</i>		
	<i>Analisis Perbandingan Penggunaan Kapur Dan Limbah Bata Merah Sebagai Bahan Stabilisasi Tanah Lunak; 2020; A'isyah Salimah; Penelitian Internal PNJ; 11,25 Juta</i>		
	<i>Identifikasi Zona Bidang Gelincir Dengan Metode Geolistrik Resistivity Dan Geoteknik Untuk Antisipasi Kelongsoran; 2019; A'isyah Salimah; Penelitian Internal PNJ; 19 Juta</i>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Pengaruh Ketebalan Lapisan Sedimen Terhadap Fungsi Permeabilitas Tanah; 2018; A'isyah Salimah, Dr. Sri Wulandari; Jurnal Politeknologi, 17(1)</i>		
	<i>Analisis Stabilitas dan Perkuatan Lereng Menggunakan Plaxis2D di Desa Sukaresmi, Sukabumi, Jawa Barat; 2019; A'isyah Salimah, M</i>		

<p><i>F Rouf Hasan, Suropto, Yelvi, Imam Sasongko; JUKUNG (JURNAL TEKNIK LINGKUNGAN), 5, 29-36</i></p>
<p><i>Perencanaan Pondasi Bored Pile Proyek Double-Double Track Manggarai–Jatinegara; 2019; Dina Suryani, Fitri Indriyani, Aisyah Salimah; Prosiding Seminar Nasional Teknik Sipil; 1(1), 103-112</i></p>
<p><i>Pengaruh Diameter Tiang Terhadap Tahanan Gesek Tiang Dalam Tanah Lempung; 2019; Andikanoza Pradiptiya, A'isyah Salimah; CONSTRUCTION AND MATERIAL JOURNAL, 1(3), 219-224</i></p>
<p><i>Stability Analysis And Landslide Countermeasures Using Plaxis2d In The Cigentis Watersheds, Karawang, West Jawa; 2019; A'isyah Salimah, M F Rouf Hasan; International Conference on Engineering, Science, and Commerce, ICESC 2019, 121-128</i></p>
<p><i>Analisis Manajemen Risiko Pada Proyek Pembangunan Jembatan; 2019; Debby Rivida M, Andi Tenrisuki T, A'isyah Salimah; CONSTRUCTION AND MATERIAL JOURNAL, 1(2), 191</i></p>
<p><i>Analisis Dan Respon Risiko Pada Proyek Konstruksi Gedung; 2020; Yayah Sopiayah, A'isyah Salimah; Construction and Material Journal, 2(1), 46-58</i></p>
<p><i>Pengaruh Penambahan Serbuk Bata Merah Terhadap Nilai CBR; 2020; Muhammad Rayhan Agustian Arif, Putera Agung Maha Agung; Prokons: Jurnal Teknik Sipil, 14(2), 47-53</i></p>
<p><i>Landslide Analysis Study and Cisewu Countermeasures in District, Garut Regency, West Java; 2020; A Salimah, M Ammar, D Rahmawati, S Tri Widya; IOP Conference Series: Materials Science and Engineering, 771(1), 12.046</i></p>
<p><i>Analisis Stabilitas Lereng Dan Upaya Pencegahan Kelongsoran Di Desa Wirotaman Kabupaten Malang Jawa Timur; 2020; Salimah A, Yelvi; SENASTER" Seminar Nasional Riset Teknologi Terapan"; 1(1</i></p>
<p><i>Perencanaan Persediaan Material Dengan Pemilihan Metode Lot Sizing Yang Optimal Pada Batchingplant Pt. X; 2020; Nuh Akbar, Aisyah Salimah; Construction and Material Journal, 2(2), 64-75</i></p>
<p><i>Biopori Sebagai Upaya Mengatasi Banjir dan Ketersediaan Air Tanah di Lingkungan Pesantren Nurul Huda; 2020; A'isyah Salimah, Yelvi Yelvi, Tri Widya Swastika, Husnil Barry, Andikanoza Andikanoza; KOMMAS: Jurnal Pengabdian Kepada Masyarakat, 1(2)</i></p>
<p><i>Upaya Peningkatan Nilai Ekonomis Produk Umkm Melalui Sosialisasi Diversifikasi Produk; 2021; Nunung Martina, Muhammad Fathur Rouf Hasan, Linda Sari Wulandari; Jmm (Jurnal Masyarakat Mandiri), 5(5); 2273-2282</i></p>
<p><i>Slope stability analysis for landslide mitigation in Satui, Tanah Bumbu, South Kalimantan; 2021; A Salimah; IOP Conference Series: Earth and Environmental Science, 708(1), 12.022</i></p>
<p><i>Countermeasures analysis of landslide in the cikeusal village of Tasikmalaya regency; 2021; A Salimah, Y Yelvi, M Hazmi; IOP Conference Series: Earth and Environmental Science, 847(1), 12.013</i></p>

	<i>A comparative study of red brick powder and lime as soft soil stabilizer; 2022; Aisyah Salimah, Miftah Hazmi, Muhammad Fathur Rouf Hasan, Putera Agung Maha Agung; F1000Research, 10(777), 777</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode



Staff Handbook



Name	Andikanoza Pradiptiya, S.T., M.Eng.		
Post	Geotechnic of Civil Engineering		
Academic career	Initial academic appointment	Politeknik Negeri Jakarta	2012
	Doctorate (subject)	-	-
	Master Degree (subject)	Universitas Gadjah Mada	2012
	Undergraduate degree (subject)	Universitas Sumatera Utara	2008
Employment	Position	Employer	Period
	Assistant Professor	Politeknik Negeri Jakarta	10
Research and development projects over the last 5 years	Pengaruh Diameter Pondasi Tiang Terhadap Tahanan Gesek Dalam Tanah Lempung; 2019; Andikanoza Pradiptiya; Penelitian Internal PNJ; 12 Juta		
	Identifikasi Keberadaan Sumber Air Tanah menggunakan Metode Geolistrik untuk Mengatasi Kekeringan di Desa Lembor Kabupaten Lamongan; 2021; Andikanoza Pradiptiya; Penelitian Internal PNJ; 10 Juta		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	Mobilization of Mini Pile Uplift Resistance in Sand; 2015; Andikanoza Pradiptiya, Yuwono Yuwono, Handi Sudardja, Istiatun Istiatun; Jurnal Poli-Teknologi, 14(1),		
	Uji Tahanan Gesek Model Fondasi Tiang Terhadap Perpindahan Kecil Di Dalam Box Uji; 2016; Andikanoza Pradiptiya, Yuwono Yuwono; Jurnal Poli-Teknologi, 15(1),		

	<p><i>Pelaksanaan Pekerjaan Contiguous Bored Pile Pada Proyek Margocity Mall, Depok; 2019; Nurlaila Nurlaila, Andikanoza Pradiptiya; Prosiding Seminar Nasional Teknik Sipil, 1(1), 711-719</i></p> <p><i>Uji Tahanan Tarik Model Fondasi Tiang Dalam Tanah Pasir; 2019; Andikanoza Pradiptiya, Yuwono Yuwono; Jurnal Poli-Teknologi, 18(1)</i></p> <p><i>Pengaruh Diameter Tiang Terhadap Tahanan Gesek Tiang Dalam Tanah Lempung; 2019; Andikanoza Pradiptiya; Construction and Material Journal, 1(3), 219-224</i></p> <p><i>Perencanaan Pondasi Ground Water Tank Proyek Gedung Bpjs Jakarta Pusat; 2019; Erwin Batista, Ridwan Ahmad Fauzi, Andikanoza Pradiptiya; Prosiding Seminar Nasional Teknik Sipil (SNTS), 1(1), 60-65</i></p> <p><i>Pelaksanaan Struktur Atas Lantai Satu Pada Proyek Royal Garden Apartment; 2019; Achmad Oktobrianto, Rizky Harifardhanto, Andikanoza Pradiptiya; Prosiding Seminar Nasional Teknik Sipil (SNTS), 1(1), 667-671</i></p> <p><i>Perhitungan Ulang Daya Dukung Stone Column Pada Proyek Runway 3 Section 2 Bandara Soekarno-Hatta; 2019; Katherine Maulidina, Tita Andienti, Andikanoza Pradiptiya; Prosiding Seminar Nasional Teknik Sipil (SNTS), 1(1), 95-102</i></p> <p><i>Pengabdian Kepada Masyarakat Peningkatan Atap Musholla Al Khoiriyah; 2020; Andikanoza Pradiptiya; Mitra Akademia: Jurnal Pengabdian Masyarakat, 3(1),</i></p>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode
	POLITEKNIK NEGERI JAKARTA		

Staff Handbook



Name	Arliandy Pratama Arbad, S.T., M.Eng.		
Post	Geotechnic of Civil Engineering		
Academic career	Initial academic appointment	Politeknik Negeri Jakarta	2019
	Doctorate (subject)	-	-
	Master Degree (subject)	The University of Tokyo	2017
	Undergraduate degree (subject)	Universitas Diponegoro	2014
Employment	Position	Employer	Period
	Assistant Professor	Politeknik Negeri Jakarta	3
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	Time Series InSAR For Interpretating 5 Years Cycle of Mt. Bromo Eruptions in Indonesia by Using PALSAR and PALSAR-2 to Contribute Civil Engineering Work; 2016; Arliandy Pratama, Wataru Takeuchi, Yosuke Aoki; 7th IJSS, Chiba University Japan.		
	Investigation Of Ground Deformation Caused By Volcanic Eruptions In 2010 And 2015 At Mt. Bromo-Indonesia Observed By PALSAR And PALSAR-2; 2016; Arliandy Pratama, Wataru Takeuchi; 37th ACRS, Colombo.		
	Observing Deformation at Mt. Raung East Java Based on PALSAR-2 Imagery by Using Interferometric SAR; 2016; Arliandy Pratama, Wataru Takeuchi, Achmad Ardy, Ridwan A Ashari; Earth and Environmental Science; 47(1); 012021.		

	<p><i>Urban Design and Civil Construction Assessment based on Time-Series Observations of Subsidence and Land Cover Changes in East Java, Indonesia; 2017; Arliandy Pratama, Virgus Ari Sondang, Ridwan Ageng Ashari, Ankavisi Nalaralagi, Aldissain Jurizat; ASIA GIS 2017, Hong Kong;</i></p>		
	<p><i>Analysis of southern segment of Sumatran Fault monitoring bench mark as preliminary approach in updating earthquake hazard map; 2019; Satrio Muhammad Alif, Arliandy Pratama; Journal of Science and Applicative Technology; 2(1); 183-191.</i></p>		
	<p><i>Automatic event identification from tectonic earthquakes with modified Akaike Information Criterion (mAIC); 2019; Cahli Suhendi, Maria RP Sudibyo, IF Erlangga, Arliandy P Arbad; IOP Conference Series: Earth and Environmental Science; 258(1); 012037.</i></p>		
	<p><i>Vulnerability assessment at Mt. Bromo Indonesia by using time-series land surface deformation and GIS; 2019; Arliandy P Arbad, Wataru Takeuchi, Yosuke Aoki, Ahmad Ardy; Applied research on civil engineering and environment; 1(1); 24-30.</i></p>		
	<p><i>Time-Series Sar Interferometry Analysis Of Surface Deformation At Mt. Bromo Indonesia; 2019; Arliandy Pratama Arbad, Wataru Takeuchi, Yosuke Yosuke, Mutiara Jamilah, Achmad Ardy; Seminar Nasional Geomatika; 3; 771-776.</i></p>		
	<p><i>Analyzing The Inflation Phase At Mt. Bromo Indonesia By Using The Time-Series Sar Interferometry With Combining The Orbit Direction Of Alos/Palsar Data Sets; 2019; Arliandy P Arbad, Wataru Takeuchi, Yosuke Aoki, Mutiara Jamilah, Achmad Ardy, Afif Gatra; Seminar Nasional Penginderaan Jauh ke-6.</i></p>		
	<p><i>Estimasi Deformasi Permukaan Gunung Bromo menggunakan Analisis Time-Series InSAR Small Baseline Subset; 2019; Arliandy Pratama Arbad, Wataru Takeuchi, Yosuke Aoki, Achmad Ardy, Mutiara Jamilah; TEKNIK; 39(2); 126-131.</i></p>		
	<p><i>TimeFun-InSAR algorithm to investigate physical changes at Bromo volcano by using ALOS/PALSAR data sets; 2020; Arliandy Pratama Arbad, Wataru Takeuchi, Yosuke Aoki; Geoplanning: Journal of Geomatics and Planning; 7(1); 17-24.</i></p>		
	<p><i>Analisis Probabilistic Model Mitigasi Tsunami Akibat Aktivitas Vulkanik Gunung Anak Krakatau Dengan Menggunakan Data Penginderaan Jauh; 2022; Arliandy Pratama Arbad, Muhammad Fathur Rouf Hasan; Jurnal GEOSAPTA; 8(1).</i></p>		
<p>Activities in Specialist Bodies Over the last 5 years</p>	<p>Organisation</p>	<p>Role</p>	<p>Periode</p>

Staff Handbook



Name	<i>Handi Sudardja, S.TTT., M.Eng.</i>		
Post	<i>Geotechnic of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>State of Polytechnic Jakarta</i>	<i>1988</i>
	Doctorate (subject)	<i>-</i>	<i>-</i>
	Master Degree (subject)	<i>Universitas Gadjah Mada</i>	<i>2012</i>
	Undergraduate degree (subject)	<i>Universitas Indonesia</i>	<i>1997</i>
		<i>Politeknik Negeri Jakarta</i>	<i>1985</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>34</i>
Research and development projects over the last 5 years	<i>Utilization of palm fiber as reinforcement in sandy soil to reduce the impact of liquefaction due to earthquakes; 2017; Handi Sudardja; DIPA PNJ; 50 million</i>		
	<i>Experimental study Evaluation of the level of Relative Density and Maximum Acceleration on liquefaction potential soils; 2018; Handi Sudardja; DIPA PNJ; 50 million</i>		
	<i>Effect of Addition of Fine Grain Content in Reclamation Soil on Liquefaction Resistance; 2019; Handi Sudardja; DIPA PNJ; 9.5 million</i>		
	<i>Study of shear strength of soft soil based on the amount of settlement that occurs; 2020; Handi Sudardja; DIPA PNJ; 22.5 million</i>		
	<i>Changes in CBR Value of Hambalang Soil Stabilized with Clay; 2020; Handi Sudardja; DIPA PNJ; 13.5 million</i>		
	<i>Study of Shear Strength Value of Soft Soil Based on Water Content; Handi Sudardja; DIPA PNJ; 15 millions</i>		
Industry collaborations over the last 5 years	<i>-</i>		

Patents and proprietary rights	Foundation Engineering 1; e-book Copyright: 000316653		2021
	Soil Mechanics 1; Publisher: Halaman Moeka		2019
	Textbook of Soil Testing (Re-vision); Publisher:Halaman Moeka		2018
Important publications over the last 5 years	<i>The Influence of Palm Fiber on Shear Strength of Liquefiable Sand; 2017; Handi Sudardja; International Conference of Applied Science on Engineering, Business, Linguistics and Information Technology, 63-68</i>		
	<i>Construction of a People's Crossing Bridge RT 03/RW 04 Pondok Manggis Village, Bojong Baru Village, Bojonggede District, Bogor Regency; 2018; Fauzri Fahimuddin, Yelvi Yelvi, Handi Sudardja; Mitra Akademia: Journal of Community Service, 1(2)</i>		
	<i>Design of Mortar Tensile Test Equipment Using Electric Motor Drive Power; 2018; Sarito Sarito, Muhtarom Riyadi, Handi Sudardja; Journal of Poly-Technology, 17(1)</i>		
	<i>Analysis of Bored Pile Foundation Bearing Capacity with Loading Test Results; 2019; Aji Aulia, Handi Sudardja, Proceedings of the Civil Engineering National Seminar; 1(1); 430-437</i>		
	<i>Perhitungan Stabilitas Pondasi Bored Pile Pada Proyek Double-Double Track; 2019; Arini Septiana, Nabila Herlina MMU, Handi Sudardja; Prosiding Seminar Nasional Teknik Sipil; 1(1); 76-86</i>		
	<i>Desain Prefabricated Vertical Drain Pada Proyek Runway 3 Section 1 Bandara Internasional Soekarno-Hatta; 2019; Ghea Luthfia Oktari, Salsabila Najmi Shainnaputri, Handi Sudardja; Prosiding Seminar Nasional Teknik Sipil; 1(1); 134-141</i>		
	<i>Study of shear strength of soft soil based on the amount of settlement that occurs; 2021; Istiatun Istiatun, Handi Sudardja, Yuwono Yuwono; Construction and Materials Journal, 3(2), 129-138</i>		
	<i>Redesign of Road Bodies with Geotextiles as an Alternative to Improve Slope Stability; 2021; Rosiane Agustin, Handi Sudardja; Prokons: Journal of Civil Engineering, 15(1), 32-42</i>		
	<i>Analysis of the Types of Landslides in the Tourism Area with Sharp Slopes, Banten; 2022; Dyah Nurwidyaningrum, Tri Wulan Sari, Handi Sudardja, Suzan bint Impact; Proceedings of the National Civil Engineering Seminar, 2, 1-8</i>		
	<i>Analisis Jenis Longsoran Pada Daerah Wisata Berlereng Tajam, Banten; 2022; Dyah Nurwidyaningrum, Tri Wulan Sari, Handi Sudardja, Suzan binti Impak; Prosiding Seminar Nasional Teknik Sipil; 2; 1-8</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode

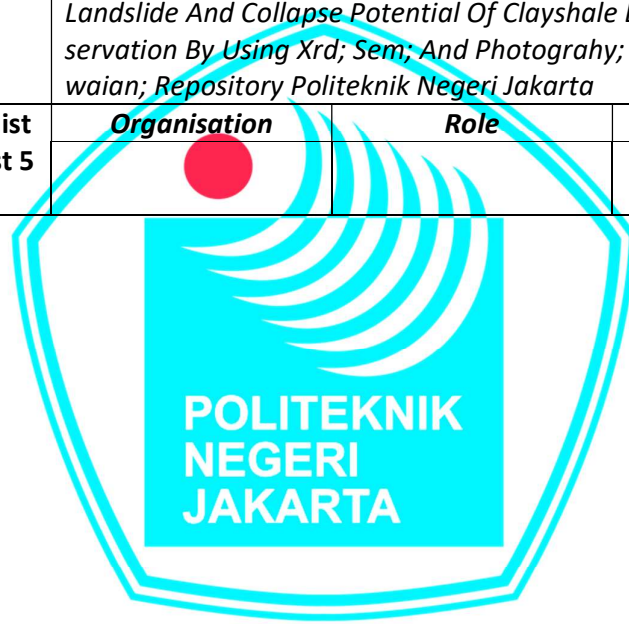
Staff Handbook



Name	<i>Putera Agung Maha Agung S.T., M.T., Ph.D</i>		
Post	<i>Geotechnic of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1990</i>
	Doctorate (subject)	<i>Saga University</i>	<i>2011</i>
	Master Degree (subject)	<i>Institut Teknologi Sepuluh Nopember</i>	<i>2001</i>
	Undergraduate degree (subject)	<i>Universitas Brawijaya</i>	<i>1996</i>
Employment	Position	Employer	Period
	<i>Associate Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>32</i>
Research and development projects over the last 5 years	<i>Pemanfaatan Limbah Padat Industri Infrastruktur Sebagai Material Stabilisasi Tanah Gambut Menggunakan Teknik Pengukuran TrRC Dan CBR; 2020; Putera Agung Maha Agung; Penelitian Internal PNJ; 20 Juta</i>		
	<i>Cacat Dan Gagal Parameter Kohesi (C) Lapisan Lempung (Clay) dan Alternatif Penanggulangan/Perbaikan Untuk Badan Jalan (Lanjutan-Tahun Ke-2); 2019; Putera Agung Maha Agung; 10 Juta</i>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Landslide and Collapse Potential of Clayshale Layers Observation by XRD; 2017; P.Agung.M. Agung, S Pramusandi, B Damianto; African Journal of Environmental Science and Technology; 11(4); 163-197</i>		

<p><i>Tinjauan Ulang Daya Dukung dan Penurunan Pondasi Bored Pile pada Pembangunan Jalan Layang Kapt. Tendean–Blok M–Cileduk, Paket Santa Section P10–P11; 2017; Putera Agung Maha Agung, Kresnadi Wicaksono Djuwari, Muhammad Firas Andanawarih; Jurnal Poli-Teknologi; 16(1)</i></p>
<p><i>Tinjauan Ulang Daya Dukung dan Penurunan Pondasi Bored Pile pada Pembangunan Jalan Layang Kapt. Tendean–Blok M–Cileduk, Paket Santa Section P10–P11; 2017; Putera Agung Maha Agung, Kresnadi Wicaksono Djuwari, Muhammad Firas Andanawarih; Jurnal Poli-Teknologi; 16(1)</i></p>
<p><i>Daya dukung dan penurunan pondasi dangkal tanah ekspansif padat menggunakan tire-soil; 2019; Putera Agung Maha Agung; INOVTEK POLBENG; 9(1); 162-168</i></p>
<p><i>Perbandingan Daya Dukung Antara Pondasi Tiang Pancang dengan Pondasi Bor; 2019; Audhie Aditya Prabowo, Dika Adytia Pratama, Putera Agung Maha Agung; Prosiding Seminar Nasional Teknik Sipil; 1(1); 318-328</i></p>
<p><i>Perhitungan Daya Dukung Dan Stabilitas Tiang Bor Kantor Utama Karya; 2019; Definta Meutia Rahma, Umi Rohanah, Putera Agung Maha Agung; Prosiding Seminar Nasional Teknik Sipil; 1(1); 354-365</i></p>
<p><i>Bangunan Pengambilan Air Laut (Sea Water Intake) Berbasis Struktur Revetment dan Groins; 2020; Putera Agung Maha Agung, Dandung Novianto; Journal of Applied Civil Engineering and Infrastructure Technology (JACEIT); 1(1); 1-14</i></p>
<p><i>Pengaruh Penambahan Serbuk Bata Merah Terhadap Nilai CBR; 2020; Prokons: Jurnal Teknik Sipil; 14(2); 47-53</i></p>
<p><i>Database Development of Site Investigation Using GIS (A Case at Pulau Indah, Klang, Malaysia); 2021; Mustaffa Anjang Ahmad, Putera Agung Maha Agung, Muhamad Arif Arsad, Saiful Azhar Ahmad Tajudin; Applied Research on Civil Engineering and Environment (ARCEE); 2(2); 45-51</i></p>
<p><i>Investigasi Sumber Air Tanah Menggunakan Metode Geolistrik Resistivitas Konfigurasi Schlumberger Dan Pengeboran; 2021; Muhammad Fathur Rouf Hasan, Anjar p Azhari, Putera Agung Maha Agung; Jukung (Jurnal Teknik Lingkungan); 7(2)</i></p>
<p><i>Pengelolaan Aliran Air Dan Permukaan Pada Sistem Timbunan Badan Jalan; 2021; Mudrik Nawawi, Putera Agung Maha Agung; Prosiding Seminar Nasional Teknik Sipil; 1(1); 182-187</i></p>
<p><i>Analisa Penurunan Tanah Gambut Berlempung Menggunakan Metode Preloading Dengan Pvd Dan Menggunakan Bahan Limbah Power Plant Biomassa; 2021; Samuel Ronal, Putera Agung Maha Agung; Prosiding Seminar Nasional Teknik Sipil; 1(1); 188-195</i></p>
<p><i>Evaluasi Kelongsoran Dan Alternatif Perkuatan Menggunakan Geotekstil Dengan Program Geoslope (Studi Kasus: Kelongsoran Tol Cipali Km 122 Jalur B); Akhdan Fajri Ramadan, Putera Agung Maha Agung; Construction and Material Journal; 4(1); 59-69</i></p>

	<p><i>The Use Of Glass Powder Waste As A Partial Substitute For Cement On The Compressive Strength Of Concrete; 2022; Nunung Martina, Mely Duta Kinanti, Muhammad Fathur Rouf Hasan, Putera Agung Maha Agung, Yanuar Setiawan; GEOMATE Journal; 23(89); 197-204</i></p>		
	<p><i>Prediction Of Qu And Ru Capacities Of Pile In Clayey Soil Layer Using Geospatial Analysis; 2022; Putera Agung Maha Agung, Muhammad Fathur Rouf Hasan, Mustaffa Anjang Ahmad, Nunung Martina, MB Saifullizan; GEOMATE Journal; 23(98); 31-38</i></p>		
	<p><i>Compressive Strength Of Concrete Using Lightweight Brick Waste As The Substitute For Fine Aggregate; 2022; Nunung Martina, Rizka Nurul Bakti, Muhammad Fathur Rouf Hasan, Putera Agung Maha Agung, Yanuar Setiawan; GEOMATE Journal; 23(98); 189-196</i></p>		
	<p><i>Landslide And Collapse Potential Of Clayshale Layers Through Observation By Using Xrd; Sem; And Photography; 2022; SDM/Kepegawaian; Repository Politeknik Negeri Jakarta</i></p>		
<p>Activities in Specialist Bodies Over the last 5 years</p>	<p>Organisation</p>	<p>Role</p>	<p>Periode</p>



Staff Handbook

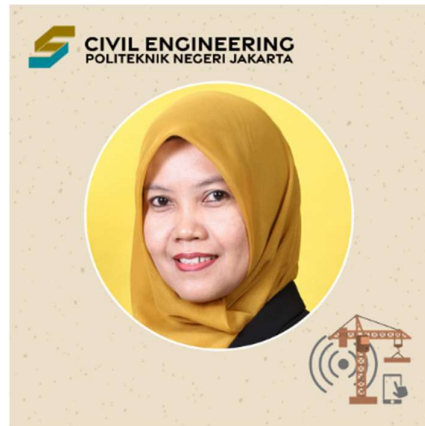


Name	<i>Dr. Sony Pramusandi, S.T., M.Eng</i>		
Post	<i>Geotechnic of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1998</i>
	Doctorate (subject)	<i>Kasetsart University Bangkok Thailand</i>	<i>2022</i>
	Master Degree (subject)	<i>Universitas Gadjah Mada</i>	<i>2010</i>
	Undergraduate degree (subject)	<i>Universitas Mercu Buana</i>	<i>2007</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>24</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Identification and classification of clayshale characteristic and some considerations for slope stability; 2017; Agung MA Putera, S Pramusandi, B Damianto; African Journal of Environmental Science and Technology; 11(4); 163-197</i>		
	<i>Determining shrinkage cracks based on the small-strain shear modulus–suction relationship; 2019; Avishek Shrestha, Apiniti Jotisankasa, Susit Chaiprakaikeow, Sony Pramusandi, Suttisak Soralump, Satoshi Nishimura; Geosciences; 9(9); 362</i>		

	<i>Field Response of an Instrumented Dyke subjected to rainfall; 2019; A Jotisankasa, S Pramusandi, S Nishimura, S Chaiprakaikew; Geotech. Eng. J. SEAGS AGSSEA; 50; 81-91</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode



Staff Handbook



Name	Yelvi, S.T., M.T		
Post	Geotechnic of Civil Engineering		
Academic career	Initial academic appointment	Politeknik Negeri Jakarta	1997
	Doctorate (subject)	-	-
	Master Degree (subject)	Institut Teknologi Bandung	2003
	Undergraduate degree (subject)	Universitas Andalas	1996
Employment	Position	Employer	Period
	Associate Professor	Politeknik Negeri Jakarta	25
Research and development projects over the last 5 years	Pemanfaatan Pasir Sumpur Kudus sebagai Material Lapis Pondasi Perkerasan jalan (Tahun ke-2); 2016; Yelvi; Hibah Bersaing Dikti; 50 juta		
	Pemanfaatan Ijuk Sebagai Perkuatan pada Tanah Pasir untuk Mengurangi Dampak Likuifaksi Akibat Gempa; 2017; Yelvi; DIPA PNJ; 40 Juta		
	Studi Eksperimen Evaluasi Tingkat Kerapatan Relatif dan Percepatan Maksimum Gempa pada Tanah Potensi; 2018; Yelvi; DIPA PNJ; 50 Juta		
	Pengaruh Penambahan Kadar Butir Halus pada Tanah Reklamasi terhadap Ketahanan Likuifkasi; 2019; Yelvi; DIPA PNJ; 19 Juta		
	Studi Eksperimen Pengaruh Geotekstil Woven dan Non Woven terhadap Kuat Geser Interface pada Tanah Pasir; 2020; Yelvi; DIPA PNJ; 22,5 Juta		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-

Important publications over the last 5 years	<i>Kajian Peningkatan Daya Dukung Sub Base Menggunakan Pasir Sumpur Kudus; 2016; Yelvi Enita S., Lusyana; National Conference of Applied Engineering, Business and Information Technology, Politeknik Negeri Padang; 134-140</i>
	<i>Plat Beton Ringan Rumah Bertingkat Dengan Segmen Pracetak; 2016; Yelvi, Pratikto; National Conference of Applied Engineering, Business and Information Technology, Politeknik Negeri Padang, 310-316</i>
	<i>Kajian Penggunaan Material Pasir Sumpur Kudus untuk Meningkatkan Kinerja Lapisan Pondasi Atas Agregat Kelas A; 2017; Enita Suardi, Lusyana Lusyana, Yelvi Yelvi; Jurnal Ilmiah Rekayasa Sipil; 14(1); 12-19</i>
	<i>The Influence of Palm Fiber on Shear Strength of Liquefiable Sand; 2017; Istiatun, Yelvi, Handi S.; International Conference of Applied Science on Engineering, Business, Linguistics and Information Technology; 63-68</i>
	<i>Pembangunan Jembatan Penyeberangan Orang RT 03/RW 04 Kampung Pondok Manggis, Kelurahan Bojong Baru, Kecamatan Bojonggede Kabupaten Bogor; 2018; Fauzri Fahimuddin, Yelvi Yelvi, Handi Sudardja; Mitra Akademia: Jurnal Pengabdian Masyarakat; 1(2)</i>
	<i>Effect of Relative Density to Liquefiable Sand Reinforced by Palm Fiber; 2018; Handi Sudardja Yelvi, Eko Wiyono; EDITORIAL TEAMS; 316</i>
	<i>Analisis Stabilitas Lereng Dan Upaya Pencegahan Kelongsoran Di Desa Wirotaman Kabupaten Malang Jawa Timur; 2020; Yelvi; SENASTER" Seminar Nasional Riset Teknologi Terapan"; 1(1)</i>
	<i>Biopori Sebagai Upaya Mengatasi Banjir dan Ketersediaan Air Tanah di Lingkungan Pesantren Nurul Huda; 2020; Yelvi Yelvi, Tri Wiaya Swastika, Husnil Barry, Andikanoza Andikanoza; KOMMAS: Jurnal Pengabdian Kepada Masyarakat; 1(2)</i>
	<i>Liquefaction Resistance of Sand Mixed with Fines-Grained for Reclaimed Land; 2020; Handi Sudardja, Shany Elizabeth; IOP Conference Series: Materials Science and Engineering; 846(1); 012070</i>
	<i>Countermeasures analysis of landslide in the cikeusal village of Tasikmalaya regency; 2021; A Salimah, Y Yelvi, M Hazmi; IOP Conference Series: Earth and Environmental Science; 847(1); 012013</i>
	<i>Laboratory Study on Shear Strength of Soil using Woven and Non-woven Geotextiles; 2021; Aisyah Salimah Yelvi, Vatih Abdullah</i>
	<i>Analisis Stabilitas Lereng Dengan Perkuatan Geotekstil (Studi Kasus: Proyek Pembangunan Jalan Tol Cibitung-Cilincing Seksi 2 STA 6+ 475); 2022; Pandu Graha Rizqullah, Yelvi Yelvi; Jurnal Ilmiah Rekayasa Sipil; 19(2); 145-156</i>
	<i>A comparative study of red brick powder and lime as soft soil stabilizer; 2022; Aisyah Salimah, Miftah Hazmi, Muhammad Fathur Rouf Hasan, Putera Agung Maha Agung; F1000Research; 10(777); 777</i>

Activities in Specialist Bodies Over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Periode</i>





“GREEN BUILDING, ENVIRONMENTAL ARCHITECTURE, INDOOR AIR QUALITY”

Staff Handbook



Name	<i>Dr. Dyah Nurwidyaningrum, S.T., M.M., M.Ars.</i>		
Post	<i>Green Building, Environmental Architecture, Indoor Air Quality</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1999</i>
	Doctorate (subject)	<i>Universitas Indonesia</i>	<i>2019</i>
	Master Degree (subject)	<i>Universitas Indonesia</i>	<i>2010</i>
	Undergraduate degree (subject)	<i>Universitas Indonesia</i>	<i>1997</i>
Employment	Position	Employer	Period
	<i>Associate Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>23</i>
Research and development projects over the last 5 years	<i>Model Bangunan Hunian Sehat Berkelanjutan di Perkotaan: Studi kasus Apartemen Green Pramuka City, Jakarta; 2018; Dyah Nurwidyaningrum; Hibah TA Doktor UI</i>		
	<i>The Influence of climate and behavior on the health of Cities and Buildings in Europe; 2019; Dyah Nurwidyaningrum; Slyff Foundation</i>		
	<i>Analisis Implementasi Standar Layanan Minimal Politeknik Negeri Jakarta Menuju Badan Layanan Umum; 2020; Dyah Nurwidyaningrum; Pengembangan Institusi; 15 Juta</i>		
	<i>Persepsi Alumni Dan Pengguna Lulusan Terhadap Penguasaan Kompetensi Tnti Program Studi D4 Teknik Konstruksi Gedung; 2021; Dyah Nurwidyaningrum; Penelitian Internal PNJ; 12,5 Juta</i>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
	<i>Penerapan Waktu Kerja Lembur Menurut Uu No. 13 Tahun 2003 Tentang Tenaga Kerja Pada Lulusan Baru Jurusan Teknik Sipil</i>		

Important publications over the last 5 years	<i>Politeknik Negeri Jakarta Yang Bekerja Di Perusahaan ...; 2017; Rita Farida, Dyah Nurwidyaningrum; Epigram; 14(1)</i>
	<i>Human Dimension Plays a Role in Realizing The Health of the Urban Dwelling, Jakarta, Indonesia.; 2018; Dyah Nurwidyaningrum, Haryoto Kusnopranto, Setyo S Moersidik, Emirhadi Suganda; Indian Journal of Public Health Research & Development; 9(12)</i>
	<i>Pembangunan sanitasi tempat MCK komunal di Desa Urug, Bogor, Jawa Barat; 2018; Dyah Nurwidyaningrum, Andika Pradiptiya, Rinawati Rinawati; Mitra Akademia: Jurnal Pengabdian Masyarakat; 1(1)</i>
	<i>Residents' Health Awareness of the Sustainability of Indoor Air Quality in High Rise Building; 2018; Dyah Nurwidyaningrum, Setyo S Moersidik, Emirhadi Suganda, Haryoto Kusnopranto; International Journal of Engineering & Technology; 7(4.38); 1270-1274</i>
	<i>Karya Tulis" Model Dimensi Manual Untuk Keberlanjutan Hunian Vertikal Perkotaan Perkotaan (Kajian: Kualitas Udara Dalam Ruang)"; 2019; Dyah Nurwidyaningrum, Haryoto Kusnopranto, Emirhadi Suganda, Setyo Sarwanto Mursidik; Karya Tulis mengenai suatu model dimensi manual untuk keberlanjutan hunian vertikal perkotaan perkotaan (kajian: kualitas udara dalam ruang)</i>
	<i>Perbaikan Ruang Penunjang Kegiatan Mushola Di Kampung Lio, Cipayung, Jawa Barat; 2019; Dyah Nurwidyaningrum, Sarito Sarito, Eri Ester Khairas; Mitra Akademia: Jurnal Pengabdian Masyarakat; 2(2).</i>
	<i>Evaluasi Pencahayaan Pada Workshop Teknik Alat Berat Politeknik Negeri Jakarta; 2019; Panji Senopati, Dyah Nurwidyaningrum; Prosiding Seminar Nasional Teknik Sipil; 1(1); 536-541</i>
	<i>Analisis Implementasi Standar Pelayanan Minimal Politeknik Negeri Jakarta Menuju Badan Layanan Umum; 2020; Dyah Nurwidyaningrum, Jonathan Saputra; Repository Politeknik Negeri Jakarta</i>
	<i>Investigation of Air Circulation For Indoor Air Quality Of Middle-Class Apartment in Jakarta, Indonesia; 2020; Dyah Nurwidyaningrum, Miftahul Ulum, Billy Septanto Syamsurno; Applied Research on Civil Engineering and Environment (ARCEE); 1(2); 16-21</i>
	<i>Tenda Darurat Dan Kipas Angin Blower Untuk Menunjang Penanggulangan Covid-19 Di Rsd Kota Depok Jawa Barat; 2020; Dyah Nurwidyaningrum, Muhammad Fathur Rouf Hasan, Jonathan Saputra; JMM (Jurnal Masyarakat Mandiri); 4(6); 1117-1125</i>
<i>Kualitas Dan Kenyamanan Udara Pada Gedung Perkantoran Bertingkat Rendah Dengan Studi Kasus Gedung Perkantoran Pt. X Di Jakarta;2020; Putri Nur Ratnasari, Dyah Nurwidyaningrum; Construction and Material Journal; 2(2); 123-129</i>	

	<p><i>Pencahayaan Kombinasi Pada Laboratorium Teknik Elektro Politeknik Negeri Jakarta; 2020; Muhamad Ega Alfiana, Muhammad Aji Alfares, Dyah Nurwidyaningrum, Linda Sari Wulandari; Construction and Material Journal; 2(3); 163-169</i></p>
	<p><i>Occupants'engagement For Indoor Air Quality Of Middle Income Housing In Jakarta-Indonesia; 2020; Dyah Nurwidyaningrum, Har-yoto Kusnopranto, Setyo Sarwanto Moersidik; GEOMATE Journal; 19(73); 235-241</i></p>
	<p><i>Evaluasi Sistem Pencahayaan pada Ruang Baca Monograf Tertutup Lantai 12 dan Terbuka Lantai 21 Perpustakaan Nasional; 2020; Kirana Dewinta Puni, Dyah Nurwidyaningrum, Cintya Triayu Apriliansyah; Jurnal Arsitektur, Bangunan Dan Lingkungan; 9(3); 157-168</i></p>
	<p><i>Modifikasi Shading Devices Terhadap Penurunan OTTV (Overall Thermal Transfer Value) Pada Apartemen X; 2021; Indah Amelyana, Dyah Nurwidyaningrum, Tri Wulan Sari; Jurnal Teknik Sipil; 13(2); 64-49.</i></p>
	<p><i>Natural Lighting of Studio Apartment with East-Oriented Opening; 2021; Aisyah Anindya Putri, Dyah Nurwidyaningrum, Tri Wulan Sari; Journal of Engineering Design and Technology; 21(1); 23-30</i></p>
	<p><i>Pemetaan Tingkat Kebisingan Akibat Jalur Transportasi Di Kelurahan Pondok Cina; 2021; Monicha Sari Putri Utami, Dyah Nurwidyaningrum; Portal: Jurnal Teknik Sipil; 13(1); 23-30</i></p>
	<p><i>Islamic Boarding School Building Design With A Covid-19 Protection Protocol; 2022; Dyah Nurwidyaningrum, Tri Wulan Sari, Sujito Sujito; Journal of Islamic Architecture; 7(1); 104-110</i></p>
	<p><i>Greenship Assessment of Indoor Health and Comfort at Greenhub Suited Offices; 2022; Rizka Rahmania, Dyah Nurwidyaningrum; Jurnal Rancang Bangun dan Teknologi; 22(3); 253-259.</i></p>
	<p><i>Optimasi Material Double Skin Facade Terhadap Penurunan Nilai Ottv Pada Gedung Kantor Pusat Asdp Indonesia Ferry; 2022; Puspandah Sasotya Kirana, Dyah Nurwidyaningrum, Ega Edistria; Jurnal Teknik Sipil; 11(2); 134-140.</i></p>
	<p><i>Dampak Kebisingan Proyek Pada Permukiman; 2022; SDM/Kepegawaian; Repository Politeknik Negeri Jakarta.</i></p>
	<p><i>Assessment Greenship Neighborhood Pada Pemanfaatan Limbah Padat Di Kampus (Studi Kasus: Politeknik Negeri Jakarta); 2022; Anggita Leoriza Apogee, Ester Putri Pertiwi, Dyah Nurwidyaningrum, Agung Budi Broto; Prosiding Seminar Nasional Teknik Sipil; 2; 35-42</i></p>
	<p><i>Analisis Jenis Longsoran Pada Daerah Wisata Berlereng Tajam, Banten; 2022; Dyah Nurwidyaningrum, Tri Wulan Sari, Handi Suardja, Suzan binti Impak; Prosiding Seminar Nasional Teknik Sipil; 2; 1-8</i></p>

	<i>A Human Dimension Model For The Urban Vertical Housing Sustainability Through Indoor Air Quality; 2022; Dyah Nurwidyaningrum, Haryoto Kusnopranto, Setyo S Moersidik; Planning Malaysia; 20.</i>		
	<i>Asesmen Kelayakan Material Praktek Konstruksi Baja di Teknik Sipil PNJ untuk Menghasilkan Produk Layak Jual; 2022; Yanuar Setiawan, Dyah Nurwidyaningrum; Journal Of Research and Innovation in Civil Engineering as Applied Science; 1(1); 1-5</i>		
	<i>Kualitas Dan Kenyamanan Udara Pada Gedung Perkantoran Bertingkat Rendah; 2022; Dyah Nurwidyaningrum, Putri Nur Ratnasari; SDM/Kepegawaian; Repository Politeknik Negeri Jakarta</i>		
	<i>Analisis faktor-faktor yang mempengaruhi kompetensi lulusan melalui tracer study; 2022; Jurnal Taman Vokasi; 10(1)</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode





**“MATERIAL OF CIVIL ENGI-
NEERING”**

POLITEKNIK
NEGERI
JAKARTA

Staff Handbook



Name	<i>Agus Murdiyoto R, Drs., S.T., M.Si.</i>		
Post	<i>Material Structure of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1986</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Indonesia</i>	<i>2011</i>
	Undergraduate degree (subject)	<i>Universitas Negeri Yogyakarta</i>	<i>1983</i>
Employment	Position	Employer	Period
	<i>Associate Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>36</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Bata Beton Cetak Dengan Bahan Tambah Bilah Bambu; 2016; R Agus Murdiyoto, Humran Humran, Wahyunan Arief; Jurnal Politeknologi; 15(1)</i>		
	<i>Analisis Sistem Sprinkler Pada Tower B Proyek Tamansari Iswara Bekasi; 2019; Yasmin Maulidiawati, Agus Murdiyoto; Prosiding Seminar Nasional Teknik Sipil; 1(1); 212-217</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Period

Staff Handbook



Name	Amalia, S.Pd., S.ST., M.T.		
Post	Material Structure of Civil Engineering		
Academic career	Initial academic appointment	Politeknik Negeri Jakarta	1998
	Doctorate (subject)	-	-
	Master Degree (subject)	Universitas Diponegoro	2009
	Undergraduate degree (subject)	Politeknik ITB Bandung	2003
Employment	Position	Employer	Year
	Assistant Professor	Politeknik Negeri Jakarta	24
Research and development projects over the last 5 years	Kualitas Beton Dengan Pemadatan Sendiri (Self Compacting Concrete) Dengan Substitusi Agregat Halus Tailing Penambangan Emas Di Daerah Pongkor; 2016; Amalia; Hibah DIKTI;		
	Beton Self Compacting Concrete (Scc) Tailing Untuk Struktur Di Laut; 2017; Amalia; DIPA PNJ;		
	Pemanfaatan Abu Sekam Padi Sebagai Substitusi Semen Dan Limbah Scrap Baja Pada Beton Self Compacting Concrete (SCC); 2018; Amalia; DIPA PNJ		
	Model Tegangan Regangan, Modulus Elastisitas, dan Kuat Lentur Beton Self Compacting Concrete (Scc) Dengan Bahan Tambah Limbah Scrap Baja dan Abu Sekam Padi; 2019; Amalia; DIPA PNJ; 50 Juta		
	Kinerja Beton Performa Tinggi Dengan Bahan Dasar Limbah Pabrik Baja (Precisious Slag Ball) Dan Limbah Serat Scrap Baja; 2020; Amalia; Penelitian Internal PNJ; 23,5 Juta		
Kinerja Lentur Balok Beton Bertulang dengan Serat Limbah Scrap Baja dan Bahan Tambah Abu Sekam Padi; 2021; Amalia; Penelitian Internal PNJ; 15 Juta			

Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Konstruksi Beton dan Prategang; Amalia; Buku ber-ISBN: 978-602-269-298-0</i>		2018
	<i>Teknologi Bahan 1 Jilid 1; Amalia; Buku ber-ISBN: 978-602-5923-72-2; Hak Cipta: 000138023</i>		2019
	<i>Dasar-Dasar Perencanaan Struktur Beton Bertulang 1 Berdasarkan SNI-T122004 Untuk Jembatan; Amalia; Buku ber-ISBN: 978-602-269-354-3; Hak Cipta: 000158647</i>		2020
	<i>Dasar-Dasar Perancangan Struktur Beton 1; Amalia; Buku ber-ISBN: 978-623-7342-07-6; Hak Cipta: 000174778</i>		2020
	<i>Campuran Beton Self Compacting Concrete Dengan Bahan Tambah Abu Sekam Padi Dan Limbah Scrap Baja; Hak Cipta: 0001811939</i>		2020
Important publications over the last 5 years	<i>Karakteristik Papan Semen Partikel Dari Limbah Pabrik Kuas; 2016; Amalia Amalia, Muhtarom Riyadi; Jurnal Poli-Teknologi, 15(1)</i>		
	<i>Kualitas Beton Scc Dengan Substitusi Agregat Halus Tailing Tambang Emas Daerah Pongkor Di Lingkungan Air Laut ; 2018; Amalia Amalia, Muhtarom Riyadi; Jurnal Media Komunikasi Teknik Sipil, 25(1), 59-68</i>		
	<i>Kualitas Bata Beton Berlubang Dengan Bahan Limbah Tailing Penambangan Emas Upbe Pongkor; 2019; Amalia, Agus Murdioto; Jurnal Poli-Teknologi, 18(1), 1-12</i>		
	<i>Kualitas Beton Berpori Dengan Bahan Tambah Silica Fume Sebagai Bahan Perkerasan Kaku Yang Ramah Lingkungan; 2019; Mazaya Btari Gina, Amalia; Jurnal Poli-Teknologi, 18(1), 93-102</i>		

	<i>Kualitas Beton SCC dengan Substitusi Agregat Halus Tailing Tambang Emas Daerah Pongkor; 2019; Amalia, Muhtarom Riyadi; Media Komunikasi Teknik Sipil, 25(1), 59-68</i>		
	<i>Karakteristik Beton Scc Dengan Menggunakan Bahan Tambah Abu Sekam Padi; 2019; Mohammad Fajri Assalam, Muhammad Farhan Hardian, Amalia; Prosiding Seminar Nasional Teknik Sipil (SNTS), 1(1), 15-21</i>		
	<i>Kualitas Beton Normal dengan Penambahan Retarder; 2019; Nadhira Nurfitriani, Tegar Putra Wibawa, Amalia; Prosiding Seminar Nasional Teknik Sipil (SNTS), 1(1), 22-27</i>		
	<i>Pembandingan Bata Merah Dan Bata Ringan Pada Gedung Y PNJ; 2019; Yolla Maria Gresiana Samosir, Yola Rachmadina, Amalia; Prosiding Seminar Nasional Teknik Sipil; 1(1); 28-35</i>		
	<i>Evaluasi Struktur Atas Gedung Administrasi Niaga Politeknik Negeri Jakarta Dengan Menggunakan Material Dinding Bata Ringan; 2021; James Danica Eleazar Tue, Muflih Nurfathan, Amalia; Prosiding Seminar Nasional Teknik Sipil (SNTS); 1(1); 100-107</i>		
	<i>Perbandingan Kekuatan Pelat Lantaikonvensional Dan Floordeck Gedung Raden Inten; 2021; Adelia Febrina, Aldiena Fathiyah R.A., Amalia; 1(1); 122-137</i>		
	<i>Evaluasi Struktur Atas Gedung Teknik Informatika Dan Komunikasi PNJ; 2021; Andhini Bahari Tanjung, Annisa Nurul Fajriyah, Amalia; 1(1); 138-149</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode
	POLITEKNIK NEGERI JAKARTA		

Staff Handbook



Name	<i>Anni Susilowati, S.T., M.Eng.</i>		
Post	<i>Material Structure of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1990</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Gadjah Mada</i>	<i>2011</i>
	Undergraduate degree (subject)	<i>Universitas Indonesia</i>	<i>1999</i>
<i>Politeknik Negeri Bandung</i>		<i>1989</i>	
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>32</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Pengujian Bahan 2 (Beton Aspal); EC00202110789; 000237928</i>	-	<i>2020</i>
Important publications over the last 5 years	<i>Penggunaan Fly Ash Sebagai Bahan Campuran Paving Block Geopolimer; 2016; Anni Susilowati; National Conference of Applied Engineering, Business and Information Technology, Politeknik Negeri Padang; 34-41</i>		
	<i>Bata beton (paving block) geopolimer dengan variasi konsentrasi serat sabut kelapa; 2016; Anni Susilowati, Lauditta Aprilia, Krisno Arif Simanullang; Jurnal Poli-Teknologi; 15(1)</i>		
	<i>Penggunaan Bahan Anti Stripping untuk Campuran Beton Aspal; 2017; Anni Susilowati, Eko Wiyono; Jurnal Poli-Teknologi; 16(1)</i>		

<p><i>Pengujian Bahan 2 (Beton Aspal); 2018; 1; 149</i></p> <p><i>Karakteristik papan semen dengan penggunaan limbah Botol Polyethylene Terehthalate (PET); Larasati Anggraini, Yasmin Ramadian, Anni Susilowati; Prosiding Seminar Nasional Teknik Sipil; 1(1); 113-124</i></p> <p><i>Variasi Suhu Pemasakan Pada Campuran Beton Aspal Menggunakan Bahan Tambah Anti Stripping; 2019; Anni Susilowati, Eko Wiyono; Construction and Material Journal; 1(1); 12-20</i></p> <p><i>Variasi Kadar Filler pada Campuran Beton Aspal menggunakan Bahan Tambah Anti Stripping; 2019; Eko Wiyono, Anni Susilowati; Jurnal Ilmiah Rekayasa Sipil; 16(2); 76-83</i></p> <p><i>Daur Ulang Reclaimed Asphalt Pavement Sebagai Bahan Utama Campuran Beton Aspal Emulsi Untuk Lapis Permukaan; 2019; Anni Susilowati, Andhika Kesuma; Jurnal Poli-Teknologi; 18(1)</i></p> <p><i>Karakteristik Papan Semen dengan Penambahan Serat Sabut Kelapa Sebagai Bahan Penguat; 2019; Dini Rahmadhanti, Anni Susilowati; Prosiding Seminar Nasional Teknik Sipil; 1(1); 125-133</i></p> <p><i>Kajian Penggunaan Wetfix Be Pada Beton Aspal Campuran Panas Bergradasi Superpave; 2019; Rikki Sofyan Rizal, Anni Susilowati, Heri Susanto; Jurnal Ilmiah Teknologi Infomasi Terapan; 5(2); 66-74</i></p> <p><i>Beton Aspal Menggunakan Material Asphalt Pavement (RAP) dengan Bahan Tambah Elvaloy; 2019; Pratikto anni susilowati; Konferensi Nasional Teknik Sipil ke 13; 1(13); 299-307</i></p> <p><i>Kuat Tekan Self Compacting Concrete Menggunakan Ground Granulated Blast Furnace Slag; 2019; Anni Susilowati, Dennis Yudha Praditya, Kusno Wijayanto; Prokons: Jurnal Teknik Sipil; 13(2); 111-117</i></p> <p><i>Karakteristik Beton Dengan Campuran Fly Ash Dan Ggbfs (Ground Granulated Blast Furnace Slag); 2019; Adhitya Hutono Priambodo, Anni Susilowati; Prosiding Seminar Nasional Teknik Sipil; 1(1); 746-751</i></p> <p><i>Pengaruh Penambahan RD 31 pada Beton dengan Substitusi Ground Granulated Blast Furnance Slag; 2020; Anni Susilowati, Serin Ginting; RekaRacana: Jurnal Teknil Sipil; 6(3); 191</i></p> <p><i>Variasi Jumlah Tumbukan Pada Pemasakan Campuran Beton Aspal Menggunakan Bahan Tambah Anti Stripping; 2020; Eko Wiyono, Anni Susilowati; Construction and Material Journal; 2(1); 33-39</i></p> <p><i>The Effect of Addition of Plastic Waste in Porous Asphalt Concrete on Permeability and Properties Marshall; 2020; Eko Wiyono, Anni Susilowati, Pratikto; Proceeding of the 9th Annual Southeast Asian International Seminar 2020; 1(1); 127-132</i></p> <p><i>Variation of Soaking Time on Asphalt Concrete Properties using Anti Stripping Materials; 2020; Anni Susilowati, Eko Wiyono, Roihans MI Pratikto;</i></p>

	<i>Pemanfaatan Limbah Plastik Sebagai Bahan Tambah Pada Beton Aspal Campuran Panas; 2021; Anni Susilowati, Eko Wiyono, Pratikto Pratikto; ; 7(2); 15-23</i>		
	<i>Pengaruh Variasi Bottom Ash terhadap Sifat Fisik dan Sifat Mekanik pada Mortar Semen; 2021; Anni Susilowati, Tsana Oktaviana; RekaRacana: Jurnal Teknil Sipil; 7(3); 163</i>		
	<i>Board of Lightweight Forming Cement; 2021; Eko Wiyono Pratikto, Anni Susilowati; The 4th International Conference on Applied Science and Technology on Engineering Science 2021 (iCAST-ES 2021); 1; 145</i>		
	<i>Pengaruh Variasi Faktor Air Semen Terhadap Mortar Busa; 2021; Anni Susilowati, Fawwaz Nabhan; Journal of Applied Civil and Environmental Engineering; 1(2); 9-15</i>		
	<i>Upaya Penanggulangan Banjir dengan Menerapkan Beton Non Pasir Untuk Sumur Resapan di RT. 04/RW. 02 Kelurahan Beji Timur Depok; 2021; Anni Susilowati, Mochammad Sholeh; J-Dinamika: Jurnal Pengabdian Masyarakat; 6(1); 176-185</i>		
	<i>Kuat Tekan Beton Campuran Ggbfs Dan Fly Ash Menggunakan Retarder; 2021; Anni Susilowati, Iqbal Yusra; Prokons: Jurnal Teknik Sipil; 15(1); 51-56</i>		
	<i>Kajian Pengaruh Admixture Pada Papan Semen Berserat Berbusa Ringan; 2022; Pratikto Pratikto, Anni Susilowati, Eko Wiyono; Wahana Teknik Sipil: Jurnal Pengembangan Teknik Sipil; 27(1); 56-64</i>		
	<i>Variasi Serat Gelas Pada Papan Semen Dengan Mortar Busa: Variasi Serat Gelas Pada Papan Semen Dengan Mortar Busa; 2022; Rikki Sofyan Rizal, Anni Susilowati; Jurnal Ilmiah Teknologi Informasi Terapan; 8(2)</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode

Staff Handbook



Name	<i>Eko Wiyono, Drs. S.T., M.Eng.</i>		
Post	<i>Material Structure of Civil Engineering (Material Pavement Transportation of Civil Engineering)</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1986</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Gadjah Mada</i>	<i>2012</i>
	Undergraduate degree (subject)	<i>Universitas Indonesia</i>	<i>1996</i>
Employment	Position	Employer	Period
	<i>Associate Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>36</i>
Research and development projects over the last 5 years	<i>Pengaruh Penambahan Limbah Plastik Pada Campuran Beton Aspal Porus; 2020; Eko Wiyono; Penelitian Internal PNJ; 21,5 Juta</i>		
	<i>Variasi Waktu Perendaman Pada Campuran Beton Aspal Menggunakan Bahan Tambah Anti Stripping Terhadap Properties Marshall; 2019; Eko Wiyono; Penelitian Internal PNJ; 20 Juta</i>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Penggunaan Bahan Anti Stripping untuk Campuran Beton Aspal; 2017; Anni Susilowati, Eko Wiyono; Jurnal Poli-Teknologi, 16(1)</i>		
	<i>Pengaruh Jenis Prekursor dan Suhu Kalsinasi terhadap Karakteristik Komposit TiO₂-SiO₂ dan Aplikasinya dalam Degradasi Rhodamin B; 2018; E Wiyono, FW Mahatmanti, S Priatmoko; Indonesian Journal of Mathematics and Natural Sciences, 41(1), 45-50</i>		

	<i>Effect of Relative Density to Liquefiable Sand Reinforced by Palm Fiber; 2018; Handi Sudardja Yelvi, Eko Wiyono; EDITORIAL TEAMS, 316</i>		
	<i>Variasi Suhu Pematatan Pada Campuran Beton Aspal Menggunakan Bahan Tambah Anti Stripping; 2019; Anni Susilowati, Eko Wiyono; Construction and Material Journal, 1(1), 12-20</i>		
	<i>Variasi Kadar Filler pada Campuran Beton Aspal menggunakan Bahan Tambah Anti Stripping; 2019; Eko Wiyono, Anni Susilowati; Jurnal Ilmiah Rekayasa Sipil, 16(2), 76-83</i>		
	<i>Analisis Kemacetan Ruas Jalan Akibat Adanya U-Turn Di Jakarta; 2019; Ananda Gibranto, Crisna Ditya Inzagi, Eko Wiyono; Prosiding Seminar Nasional Teknik Sipil, 1(1), 42-51</i>		
	<i>Studi Penempatan Akses Jalan Tol Serpong–Cinere Di Jalan Re Martadinata Ciputat; 2019; Irvandy Yerman, Eko Wiyono; Prosiding Seminar Nasional Teknik Sipil, 1(1), 683-687</i>		
	<i>Evaluasi Kelayakan Dan Pelayanan Rest Area Km. 10 Jalan Tol Jagorawi; 2019; Muhammad Fikri Dzibrillah, Eko Wiyono; Prosiding Seminar Nasional Teknik Sipil, 1(1), 461-468</i>		
	<i>Kinerja Gerbang Tol Cikunir 2 Pasca Relokasi; 2019; Mahfudin Ade Nugroho, Eko Wiyono, Willy Hanugrah Gusti; Prosiding Seminar Nasional Teknik Sipil; 1(1); 438-447</i>		
	<i>Pemilihan Jenis Fasilitas Penyeberangan Jalan Berdasarkan Gap Acceptance; 2019; Listiawati Listiawati, Eko Wiyono; Prosiding Seminar Nasional Teknik Sipil; 1(1); 486-495</i>		
	<i>Pemanfaatan Limbah Plastik Sebagai Bahan Tambah Pada Beton Aspal Campuran Panas; 2021; Anni Susilowati, Eko Wiyono, Pratikto Pratikto; Bangun Rekaprima: Majalah Ilmiah Pengembangan Rekayasa, Sosial dan Humaniora, 7(2), 15-23</i>		
	<i>Analisis Kerusakan Landas Pacu Bandar Udara Dengan Metode Pci Dan Perbaikannya; 2021; Lahun Wahidah, Retno Ligina Ayu, Eko Wiyono; Construction and Material Journal, 3(1), 57-63</i>		
	<i>Kajian Pengaruh Admixture Pada Papan Semen Berserat Berbusa Ringan; 2022; Pratikto Pratikto, Anni Susilowati, Eko Wiyono; Wahana Teknik Sipil: Jurnal Pengembangan Teknik Sipil, 27(1), 56-64</i>		
	<i>Analisis Kinerja Simpang Apill Berdasarkan Pkji 2014 Dibandingkan Software Ptv Vistro: Analisis Kinerja Simpang Apill Berdasarkan Pkji 2014 Dibandingkan Software Ptv Vistro; 2022; Rizki Sofyan Rizal, Eko Wiyono, Rangga Danisworo; Jurnal Ilmiah Teknologi Informasi Terapan, 8(2)</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode

Staff Handbook



Name	<i>Mudiono Kasmuri, S.T., M.Eng., Ph.D</i>		
Post	<i>Material Structure of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>2020</i>
	Doctorate (subject)	<i>Universitas Kebangsaan Malaysia</i>	<i>2020</i>
	Master Degree (subject)	<i>Universitas Kebangsaan Malaysia</i>	<i>2007</i>
	Undergraduate degree (subject)	<i>Universitas Sriwijaya</i>	<i>2003</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>2</i>
Research and development projects over the last 5 years	<i>Membangun Sistem Monitoring Kinerja Jembatan Menggunakan Sistem Pintar; 2021; Mudiono Kasmuri; Penelitian Internal PNJ; 55 Juta</i>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Static and dynamic properties of concrete with different types and shapes of fibrous reinforcement; 2016; Aiman Hasan Hamood Al-Masoodi, Ahmed Kawan, Mudiono Kasmuri, R Hamid, MNN Khan; Construction and Building Materials; 104; 247-262</i>		
	<i>Dynamic increase factor of high strength concrete with silica fume at high strain rate loading; 2016; Koh Sin Long, Mudiono Kasmuri, Abu Sufian Zia Hasan, Roszilah Hamid; Materials Science Forum; 857; 299-304</i>		

	<i>Microzonasi Gempa Wilayah Palembang Terhadap Struktur Rangka Momen Beton Bertulang; 2016; Ishak Yunus, Firdaus Firdaus, Mudiono Kasmuri, Yefta Peter Mangalik; Cantilever: Jurnal Penelitian dan Kajian Bidang Teknik Sipil; 5(2)</i>
	<i>Analisis Pengaruh Penambahan Limbah Karet Terhadap Durabilitas Dan Flexibilitas Aspal Beton (AC-WC); 2017; Jurnal Tekno; Farlin Rosyad, Niko Prastyo, Mudiono Kasmuri; 14(2); 23-31</i>
	<i>Kajian Sistem Aliran Pada Daerah Aliran Sungai (Das) Bendung Kota Palembang; 2017; Muhammad Caesar Arfy, Ishak Yunus, Mudiono Kasmuri; Jurnal Teknik Sipil; 7(2); 41-52</i>
	<i>Analisa Kinerja Ruas Jalan Pada Jalan Parameswara Kota Palembang; 2018; Ade Setiawan, Ishak Yunus, Mudiono Kasmuri; Jurnal Tekno; 15(2); 11-22</i>
	<i>Engineering Properties and Impact Resistance of Kenaf and Rice Straw Fibres Reinforced Concrete; 2018; Muhammad Zulhamdi Abdul Mulok, Amirul Anwar Mohd Solong, Wan Nur Ain Nabila Wan Ali, Roszilah Hamid, Mudiono Kasmuri; JURNAL KEJURUTERAAN; 1(5); 71-76</i>
	<i>Analisis Kinerja Ruas Jalan Km 3–Km 4, 5 Jendral Sudirman Kota Palembang, 2018; Ade Ridho Pribadi, Ishak Yunus, Mudiono Kasmuri; Jurnal Tekno; 15(2); 1-10</i>
	<i>Pengaruh Variasi Suhu Pembakaran Abu Cangkang Sawit sebagai Bahan Substitusi Semen terhadap Waktu Ikut dan Kuat Tekan Mortar; 2019; Mudiono Kasmuri, Dios Desti Harani; Jurnal Kajian Teknik Sipil; 4(1); 64-75</i>
	<i>Pengaruh Penambahan Superplasticizer Terhadap Kuat Tekan Mortar Beton Geopolimer; 2019; Ririn Farmawati Suhardi, Mudiono Kasmuri; Bina Darma Conference on Engineering Science (BDCES); 1(1); 52-58</i>
	<i>Analisis Perhitungan Shear Wall Pada Gedung Rusunami Tower Iii Jakabaring Palembang; 2019; Kgs Abdurrahman Hakim, Mudiono Kasmuri, Farlin Rosyad; Bina Darma Conference on Engineering Science (BDCES); 1(1); 28-41</i>
	<i>Pengaruh Variasi Suhu Pembakaran Abu Cangkang Sawit Sebagai Bahan Tambah Dan Superplasticizer Terhadap Kuat Karakteristik Tekan Beton; 2020; Fandi Pratama, Mudiono Kasmuri, Achmad Abraham; Bina Darma Conference on Engineering Science (BDCES); 2(1); 617-635</i>
	<i>Analisa Daya Dukung Tiang Pancang Secara Empirik Dan Numerik Pada Fly Over Keramasan Palembang; 2020; Diah Hardianti, Mudiono Kasmuri, Farlin Rosyad; Bina Darma Conference on Engineering Science (BDCES); 2(1); 605-611</i>
	<i>Pengaruh U-Turn Terhadap Kinerja Ruas Jalan (Kasus: U-Turn di Jalan Jendral Ahmad Yani, Palembang); 2020; Riki Afriko, Mudiono Kasmuri, Nurly Gofar; Bina Darma Conference on Engineering Science (BDCES); 2(1); 373-380</i>

	<i>Analisa Efektifitas Dan Kelayakan Jembatan Penyeberangan Orang (Jpo) Masjid Agung Di Kota Palembang; 2020; Ishak Yunus, Mudiono Kasmuri, Annisa Rizki Istiqomah; Bina Darma Conference on Engineering Science (BDCES); 2(1); 549-565</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode



Staff Handbook



Name	<i>Muhtarom Riyadi, Drs., S.S.T., M.Eng.</i>		
Post	<i>Material Structure of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1985</i>
	Doctorate (subject)		
	Master Degree (subject)	<i>Universitas Gadjah Mada</i>	<i>2011</i>
	Undergraduate degree (subject)	<i>Institut Teknologi Bandung</i>	<i>2000</i>
Employment	Position	Employer	Period
	<i>Associate Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>37</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Buku Material Bangunan; Amalia, Nunung Martina, dkk. HKI : 000335114</i>	-	<i>2022</i>
	<i>Alat Peraga Pelurus Baja Tulangan; Sarito, Muhtarom. HKI : 000363209</i>	-	<i>2022</i>
Important publications over the last 5 years	<i>Karakteristik Papan Semen Partikel Dari Limbah Pabrik Kuas; 2016; Amalia Amalia, Muhtarom Riyadi; Jurnal Poli-Teknologi; 15(1)</i>		

	<p><i>Perancangan Alat Uji Tarik Mortar Menggunakan Tenaga Penggerak Motor Listrik; 2018; Sarito Sarito, Muhtarom Riyadi, Handi Sudardja; Jurnal Poli-Teknologi; 17(1)</i></p> <p><i>Kualitas Beton SCC dengan Substitusi Agregat Halus Tailing Tambang Emas Daerah Pongkor; 2019; Amalia Amalia, Muhtarom Riyadi; Media Komunikasi Teknik Sipil; 25(1); 59-68</i></p> <p><i>Kinerja Serat Kawat Bendrat Sebagai Bahan Tambah Beton Fas 0.4; 2021; Lantif Anggrahita Pratama, Ahmad Hakam Rifqi, Muhtarom Riyadi; Construction and Material Journal; 3(1); 33-40</i></p> <p><i>Analisis Sifat Fisis Agregat Halus Pasir Dan Limbah Plastik; 2021; Muhtarom Riyadi, Tri Wulan Sari; Construction and Material Journal; 3(2); 97-103</i></p>		
<p>Activities in Specialist Bodies Over the last 5 years</p>	<p>Organisation</p>	<p>Role</p>	<p>Periode</p>



Staff Handbook



Name	<i>Pratikto, S.T, M.Si.</i>		
Post	<i>Material Structure of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1989</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	?	?
	Undergraduate degree (subject)	<i>Universitas Indonesia</i>	<i>1986</i>
Employment	Position	Employer	Period
	<i>Associate Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>33</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Concrete Precast of Segmental Slab In Residential House; 2016; pratikto; Proceeding of Annual South East Asian International Seminar (ASAIS); ISSN 2302-786X</i>		
	<i>Plat Lantai Pracetak Dengan Beton Ringan; 2016; Pratikto Pratikto, Jessica Sagita, Nanda Mustaqim; Jurnal Poli-Teknologi; 15(1)</i>		
	<i>Pemanfaatan Limbah Genteng Beton Pada Paving Block; 2017; pratikto; Seminar Nasional Teknik Sipil; 1(1)</i>		
	<i>Plat Beton Ringan Pracetak Dengan Praregangan Tulangan Deform; 2017; Mega Dwi Prasasti, Syifa Nur Annisa, Pratikto Pratikto; Jurnal Poli-Teknologi; 16(1)</i>		
	<i>Variation of Soaking Time on Asphalt Concrete Properties using Anti Stripping Materials; 2019; Roihans Anni Susilowati, Eko</i>		

	<i>Wiyono, Pratikto; Proceedings of the 8th Annual Southeast Asian International Seminar; 1; 132</i>		
	<i>Peninjauan Kekuatan Lentur Bata Ringan Sebagai Pelat Lantai Rumah Tinggal; 2019; Junia Sulistiadewi, Pawening Esti Pramundi, Pratikto Pratikto; Prosiding Seminar Nasional Teknik Sipil; 1(1); 192-202</i>		
	<i>The Effect of Addition of Plastic Waste in Porous Asphalt Concrete on Permeability and Properties Marshall; 2020; Pratikto Eko Wiyono , Anni Susilowati; Proceedings of the 9th Annual Southeast Asian International Seminar; 1; 127-132</i>		
	<i>Variation of Soaking Time on Asphalt Concrete Properties using Anti Stripping Materials; 2020; Anni Susilowati, Eko Wiyono, Roihans MI Pratikto</i>		
	<i>Board of Lightweight Foaming Cement; 2021; Eko Wiyono, Pratikto, Anni Susilowati; International Conference on Applied Science and Technology (iCAST); 4; 40</i>		
	<i>Pemanfaatan Limbah Plastik Sebagai Bahan Tambah Pada Beton Aspal Campuran Panas; Anni Susilowati, Eko Wiyono, Pratikto Pratikto; Bangun Rekaprima: Majalah Ilmiah Pengembangan Rekayasa, Sosial dan Humaniora; 7(2); 15-23</i>		
	<i>Kajian Pengaruh Admixture Pada Papan Semen Berserat Berbusa Ringan; 2022; Pratikto Pratikto, Anni Susilowati, Eko Wiyono; Wahana Teknik Sipil: Jurnal Pengembangan Teknik Sipil; 27(1); 56-64</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode

**POLITEKNIK
NEGERI
JAKARTA**

Staff Handbook



Name	<i>Sarito, Drs., S.T., M.Eng.</i>		
Post	<i>Material Structure of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1986</i>
	Doctorate (subject)		
	Master Degree (subject)	<i>Universitas Gadjah Mada</i>	<i>2011</i>
	Undergraduate degree (subject)	<i>Universitas Indonesia</i>	<i>2004</i>
Employment	Position	Employer	Period
	<i>Associate Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>36</i>
Research and development projects over the last 5 years	<i>Pengembangan Profil Program Studi D3 Konstruksi Gedung Untuk Meningkatkan Akreditasi; 2019; Sarito; Penelitian Internal PNJ; 8,5 Juta</i>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Limbah Koran Sebagai Bahan Campuran Pembuatan Papan Plafon; 2017; Sarito Sarito, Alfian Amin Saputra, Riolan Sagala, Intan Nawastriani, Putri Maisytoh; Jurnal Poli-Teknologi; 16(1)</i>		
	<i>Perancangan Alat Uji Tarik Mortar Menggunakan Tenaga Penggerak Motor Listrik; 2018; Sarito Sarito, Muhtarom Riyadi, Handi Sudardja; Jurnal Poli-Teknologi; 17(1)</i>		
	<i>Perbaikan Atap Toilet, Pasang dan Plester Dinding, Pasang Keramik dan Pintu Mushola Al Hidayah, Pondok Manggis Rt 03/04, Bogor; 2018; Tri Widya Swastika, Sarito Sarito, Darul Nurjanah; Mitra Akademia: Jurnal Pengabdian Masyarakat; 1(1)</i>		
	<i>Perbaikan Ruang Penunjang Kegiatan Mushola Di Kampung Lio, Cipayung, Jawa Barat; 2019; Dyah Nurwidyaningrum, Sarito</i>		

	<i>Sarito, Eri Ester Khairas; Mitra Akademia: Jurnal Pengabdian Masyarakat; 2(2)</i>		
Activities in Specialist Bodies Over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Periode</i>





Staff Handbook



Name	<i>Andrias Rudi Hermawan, S.T., M.T.</i>		
Post	<i>Structure of Civil Engineering (Building)</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1990</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Teknik Sipil, Institut Teknologi Sepuluh Nopember</i>	<i>2004</i>
	Undergraduate degree (subject)	<i>Teknik Sipil, Institut Teknologi Sepuluh Nopember</i>	<i>1999</i>
		<i>Teknik Sipil, Politeknik Negeri Bandung</i>	<i>1989</i>
Employment	Position	Employer	Period
	<i>Associate Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>32</i>
Research and development projects over the last 5 years	<i>Sambungan Balok Precast sistim Pin Welded Joint pada momen maksimum; 2017; Andrian Rudi Hermawan; Desentralisasi Internal</i>		
	<i>Sambungan Balok Precast sistim Wet and Dry Joint pada momen maksimum; 2018; Andrias Rudi Hermawan; Desentralisasi Internal</i>		
	<i>A Modification of Pile Unit Skin(f) of Frictional Resistance(Qs)on Clayey Layer at Central of Jakarta; 2019; Andrias Rudi Hermawan; Desentralisasi Internal</i>		
	<i>Sambungan Balok Precast Tipe Welded Reinforce Joint pada Momen Maksimum; 2019; Andrias Rudi Hermawan; Desentralisasi Internal; 16 juta</i>		
	<i>Analisis Balok Precast Hybrid dengan Lightweight Concrete pada Daerah Tension Maksimum; 2020; Andrias Rudi Hermawan; Desentralisasi Internal; 40 juta</i>		

	<i>Analisis Balok Beton Precast Dengan Plat Tipe L Joint Pada Daerah Momen Maksimum; 2021; Andrias Rudi Hermawan; Penelitian Internal PNJ; 50 Juta</i>		
Industry collaborations over the last 5 years	Project Tittle	Partners	Years
	<i>Studi kelayakan Bangunan Lapangan Tennis</i>	<i>Wisma Duta Wiyata Lebak Bulus</i>	<i>2022</i>
	<i>Studi Kelayakan Bangunan Gedung RS. Abdul Rodjak</i>	<i>PT. IHU Indo Husada Utama</i>	<i>2021</i>
	<i>Studi Kelayakan Bangunan Gedung RSUD Depok</i>	<i>RSUD Bantar Gebang</i>	<i>2021</i>
	<i>Pengawasan Pembangunan Mako Kodim Bekasi</i>	<i>PT. Danureksa Sarana Cipta</i>	<i>2021</i>
	<i>Perencanaan Pembangunan-Bangunan Tambahan RSUD Bantar Gebang</i>	<i>PT. Danureksa Sarana Cipta</i>	<i>2021</i>
	<i>Pengawasan Pembangunan Gedung Kejaksaan Bekasi</i>	<i>PT. Danureksa Sarana Cipta</i>	<i>2020</i>
	<i>Bangunan Tambahan Pabrik Well Trafo</i>	<i>PT. Atmakarya Jaya</i>	<i>2019</i>
	<i>Perluasan Pabrik PT.Balihai Brewery</i>	<i>PT. Atmakarya Jaya</i>	<i>2019</i>
	<i>Pabrik Baru PT.Balihai Brewery</i>	<i>PT. Atmakarya Jaya</i>	<i>2019</i>
	<i>Renovasi Struktur Pabrik Kansai Bitung</i>	<i>PT. Atmakarya Jaya</i>	<i>2018</i>
	<i>Renovasi Struktur Pabrik Bali Hai Tambun</i>	<i>PT. Atmakarya Jaya</i>	<i>2018</i>
	<i>Bangunan Pabrik Trafo Sympos Well Traf</i>	<i>PT. Atmakarya Jaya</i>	<i>2017</i>
	<i>Perencanaan Pembangunan Kantor BPJS</i>	<i>PT. Danureksa Sarana Cipta</i>	<i>2017</i>
	<i>Bangunan Hoist 100, 50,20, 16, 10 dan 5 ton, TRAFINDO IV</i>	<i>PT. Atmakarya Jaya</i>	<i>2016</i>
	<i>Bangunan Kantin 2 Lantai TRAFINDO IV</i>	<i>PT. Atmakarya Jaya</i>	<i>2016</i>
Patents and proprietary rights	<i>Sistem Sambungan Pada Dinding Perangkai dan Lantai Beton Pracetak Paten (ID: P0033904 B)</i>	<i>2013</i>	
Important publications over the last 5 years	<i>Analisis Sambungan Balok Precast Sederhana Sistem Mechanic and Wet Connection Pada Momen Maksimum; 2018; Andrias Rudi Hermawan, Eka Sasmita Mulya; Jurnal Poli-Teknologi; 17(1)</i>		
	<i>Performa Embeded Balok Precast Tipe Pin Welded Plate Pada Momen Maksimum; 2018; Eka Sasmita Mulya A.Rudi Hermawan; Politeknologi; 17(1)</i>		

	<i>Performa Embeded Balok Precast Tipe Pin Welded Plate Pada Momen Maksimum; 2019; A Rudi Hermawan, Eka Sasmita Mulya; Construction and Material Journal; 1(2); 133-140</i>
	<i>Pelaksanaan Pekerjaan Struktur Lantai 5 Pada Proyek Southside Apartment Depok; 2019; Rahma Ulfah, Ratna Savika Devi, Andrias Rudi Hermawan; Prosiding Seminar Nasional Teknik Sipil; 1(1); 589-596</i>
	<i>Pelaksanaan Pekerjaan Struktur Lantai F4 Mall Proyek Trans Park Cibubur; 2019; Agung Gita Manohara, Novandaru Dewanthi, Andrias Rudi Hermawan; Prosiding Seminar Nasional Teknik Sipil; 1(1); 263-269</i>
	<i>Pelaksanaan Pekerjaan Box Girder Pada Proyek Double-Double Track; 2019; Adinda Fajarika Akhir, Oviani Fadzilah, Andrias Rudi Hermawan; Prosiding Seminar Nasional Teknik Sipil; 1(1); 52-59</i>
	<i>Modifikasi Struktur Gedung Dengan Beton Pracetak Pada Apartemen The Conexio; 2020; Adita Devania, Andrias Rudi Hermawan; Construction and Material Journal; 2(2); 115-122</i>
	<i>Performance of Embeded of Precast Beam Type Wet and Dry Joint at Maximum Moment; 2020; A Rudi Hermawan, Eka Sasmita Mulya; Applied Research on Civil Engineering and Environment (ARCEE); 1(2); 1-7</i>
	<i>Performance of Unbending Embedded for Precast Concrete; 2019; A Rudi Hermawan, Eka Sasmita Mulya; Proceedings of the 8th Annual Southeast Asian Internaonal Seminar; 1; 144-148</i>
	<i>Analysis of Precast Hybrid Concrete Beam with Lightweight Concrete at Tension Maximum; 2020; A Rudi Hermawan, Eka Sasmita Mulya, Sarito; Proceedings of the 9th Annual Southeast Asian Internaonal Seminar; 1; 5-8</i>
	<i>A Modification of Pile Unit Skin (f) of Frictional Resistance (Qs) on Clayey Layer at Central of Jakarta; 2020; Putera Agung Maha Agung, Andreas Rudi Hermawan, I Ketut Sucita</i>
	<i>Perencanaan Dan Perhitungan Gedung Kuliah Adab Dan Dakwah Stain Parepare; 2020; Larasati Eka, Muhammad Salim, Andreas Rudi Hermawan; 1(1); 237-245</i>
	<i>Analisis Balok Precast Type Lshape Pada Beban Maksimum; 2021; A Rudi Hermawan, Eka Sasmita Mulya; Prosiding Seminar Nasional Terapan Riset Inovatif (SENTRINOV); 7(1); 17-23</i>
	<i>Pelaksanaan Pekerjaan Struktur Atas Dengan Beton Pracetak Pada Proyek Gedung; 2021; Sri Haryati, Andrias Rudi Hermawan; Construction and Material Journal; 3(2); 79-87</i>
	<i>Performa Sambungan Balok Precast Sederhana Dengan Sistim Double Lapslices Middle Wet Joint Di 1,2 Momen Maksimum; 2021; A Rudi Hermawan, Eka Sasmita Mulya; Politeknologi; 20(1); 45-52</i>
	<i>The Analysis of Type L Joint Precast Beam Concretea; 2022; A Rudi Hermawan, Eka Sasmita Mulya; Logic: Jurnal Rancang Bangun dan Teknologi; 22(2); 97-102</i>

Activities in Specialist Bodies Over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	-	-	-



Staff Handbook



Name	<i>Dr. Anis Rosyidah, S.Pd., S.ST., M.T.</i>		
Post	<i>Structure of Civil Engineering (Bridge)</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1998</i>
	Doctorate (subject)	<i>Universitas Katolik Parahyangan</i>	<i>2021</i>
	Master Degree (subject)	<i>Institut Teknologi Sepuluh Nopember</i>	<i>2006</i>
	Undergraduate degree (subject)	<i>Universitas Negeri Yogyakarta</i>	<i>1997</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>24</i>
Research and development projects over the last 5 years	<i>Peningkatan Kinerja Sambungan Tulangan Menggunakan Selongsong Epoksi Overlapping Untuk Struktur Beton Pracetak; 2021; Anis Rosyidah; Penelitian Internal PNJ; 45 Juta</i>		
	<i>Model Sambungan Beton Pracetak Menggunakan Coupler dan Epoksi; 2020; Anis Rosyidah; PPT-Internal PNJ; 42 Juta</i>		
	<i>Model Sambungan Beton Pracetak Menggunakan Coupler; 2019; Anis Rosyidah; PPT-Internal PNJ; 50 Juta</i>		
	<i>Pengembangan Model Lekatan Tulangan pada Sambungan Lewatan (Lap Splices); 2018; Anis Rosyidah; PPT-Internal PNJ;</i>		
	<i>Pengembangan Model Lekatan Tulangan dengan Beton Ditinjau dari Bentuk Permukaan Tulangan Ulir; 2017; Anis Rosyidah; PPT-Internal PNJ;</i>		
	<i>Kekuatan Lekat Tulangan Fiber Reinforced Polymer (FRP) pada Beton Mutu Tinggi (Ketua); 2016; Anis Rosyidah; Unggulan Prodi Teknik Sipil PNJ;</i>		

Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Hak Cipta Karya Ilmiah, Hak Cipta: EC00202001720</i>		2020
	<i>Struktur Baja (untuk mahasiswa D3 Konstruksi Sipil)</i>		2018
Important publications over the last 5 years	<i>The Development Length of Steel Bars for Precast Concrete Connection using Grouting; 2016; Anis Rosyidah, Fauzri Fahimuddin, Rahmawati Ayudia; International Journal of Mechanical and Production Engineering, 4(2), 19-22</i>		
	<i>The Bond Strength of Glass Fiber Reinforced Polymer (GFRP) Reinforcement with Monolith Concrete; 2018; Ferry Hidayat. Anis Rosyidah, I Ketut Sucita; International Journal on Advanced Science, Engineering and Information Technology, 9(2), 495-500</i>		
	<i>Modeling of the Reinforcement Minimum Spacing of Precast Concrete Using Grouting; 2018; Anis Rosyidah, Gigih Muslim Prayogo, I Ketut Sucita; International Conference on Applied Science and Technology (iCAST), 674-679</i>		
	<i>Keruntuhan Jembatan Akibat Kegagalan Pelat Buhul Pada Sambungan Jembatan Rangka Baja (Studi Kasus: Jembatan I-35W MISSISIPPI); 2018; Anis Rosyidah, Johannes Adhijoso Tjondro; Jurnal Politeknologi, 17(1),</i>		
	<i>Force Based Design And Direct Displacement Based Design For Dual System Structure; 2019; Anis Rosyidah Annisaa Dina Puspita D; Jurnal Rancang Bangun dan Teknologi, 19(3), 162-168</i>		
	<i>Peningkatan Kekuatan Struktur Eksisting dengan Penguatan Struktur Menggunakan CFRP & Concrete Jacketing; 2019; Finantika Sekar Asmara, Muhamad Ziddan, Anis Rosyidah; TEKNIKA, 13(2), 1-7</i>		
	<i>Penguatan Struktur pada Bangunan dengan Mutu Beton Rendah; 2019; Anis Rosyidah, Dody Farouq Alfariez, Muhammad Ariq Wicaksono; Jurnal Teknik Sipil, 11(1), 16-21</i>		
	<i>Bond strength of bar using grouting for precast concrete connection; 2019; Anis Rosyidah, I Ketut Sucita, Praganif Sukarno, SR Permita Sari, Chintya Sari; Applied Research on Civil Engineering and Environment (ARCEE), 1(1), 1-9</i>		
	<i>Link Slab Capacity In Bridges Supported By Lead Rubber Bearing And Elastomer; 2019; Inas Novikasari, Anis Rosyidah: Wahana Teknik Sipil, 24(2), 73-78</i>		
	<i>The Response of The Friction High Strength Bolt Connection for Steel Truss Bridge; 2019; Anis Rosyidah, Okky Irawan, Praganif Sukarno, I Ketut Sucita; The 1st International Conference on Engineering, Science, and Commerce, ICESC, 1</i>		

<p><i>Knowledge Sharing Lintas Keilmuan Melalui Web-Based Seminar Di Masa Work From Home; 2020; Zaenal Abidin Eko Putro, Ida Nurhayati, Iis Maria, Anis Rosyidah, Iwan Susanto, Novi Purnama Sari; Aptekmas Jurnal Pengabdian pada Masyarakat, 3(4),</i></p>
<p><i>The Performance of Irregular Building Structures Using Pushover Analysis; 2020; Anis Rosyidah Hanan Yurizka; Jurnal Rancang Bangun dan Teknologi, 20(2), 65-72</i></p>
<p><i>Kinerja Struktur Bangunan Dengan Floating Columns Terhadap Beban Gempa; 2020; Ferdin Satria Anggriawan, Anis Rosyidah; POTENSI, 22(1), 96-103</i></p>
<p><i>Direct Displacement Based Design and Capacity Spectrum Method for Special Moment Resisting Frame; 2020; Anis Rosyidah, Nadhila AP. Ramadhani; Jurnal Rancang Bangun dan Teknologi, 20(1), 6-12</i></p>
<p><i>Respon Struktur Bangunan Dengan Floating Column Akibat Beban Gempa; 2020; Ferdin Satria Anggriawan, Anis Rosyidah; Jurnal Sipil Politeknik, 22(1), 96-103</i></p>
<p><i>Pengembangan Umkm Bakso Melalui Teknologi Tepat Guna Di Kecamatan Kemang Kabupaten Bogor; 2020; Ida Nurhayati, Nining Latianingsih, Anis Rosyidah, Yogi Widiawati; Jurnal Ilmiah Madiya (Masyarakat Mandiri Berkarya), 1(2), 7-12</i></p>
<p><i>Pembandingan Perancangan Bangunan Tahan Gempa Menggunakan SNI 1726: 2012 dan SNI 1726: 2019; 2021; Azis Wicaksana, Anis Rosyidah; Jurnal Ilmiah Rekayasa Sipil, 18(1), 88-89</i></p>
<p><i>Tantangan Usaha Mikro, Kecil Dan Menengah Dalam Menghadapi Pandemi Covid 19; 2021; Ida Nurhayati, Anis Rosyidah, Yogi Widiawati; Prosiding Seminar Nasional LPPM UMP, 337-340</i></p>
<p><i>The bond strength of steel bar base on rib geometry bar in pullout test; 2021; Anis Rosyidah, Johannes Adhijoso Tjondro, I Ketut Sucita; Stavebni obzor-Civil Engineering Journal, 30(1),</i></p>
<p><i>Peningkatan Mutu Pada Sektor Peternakan Ikan Hias Berbasis lot Case Study: Peternak Di Kelurahan Tegal Kecamatan Kemang Kabupaten Bogor; 2021; Tossin Alamsyah, Ida Nurhidayati, Anis Rosyidah, Taha Zen; Seminar Nasional Hasil Penelitian & Pengabdian Kepada Masyarakat (SNP2M), 601-606</i></p>
<p><i>Pendampingan Perbaikan Fasilitas Musholla Al-Amin Untuk Meningkatkan Kenyamanan Beribadah; 2021; Amalia, Muhammad Fathur Rouf Hasan, Anis Rosyidah, Denny Yatmadi; JMM (Jurnal Masyarakat Mandiri), 5(6), 3104-3113</i></p>
<p><i>Panduan kompetisi bangunan gedung Indonesia tahun 2021; 2021; Tavio Tavio, Anis Rosyidah, Sigit Darmawan; Pusat Prestasi Nasional,</i></p>
<p><i>The Bond Strength on Over Lapping Bars Using Pullout Test; 2021; Anis Rosyidah, J Adhijoso Tjondro, I Ketut Sucita; Internasional Journal on Advance Science Engineering, 11(2), 690-697</i></p>

	<p><i>Structural performance of 1 way and 2 way setback with the soft first story using ddbd; 2022; Anis Rosyidah Anis Rosyidah, Indriyana Luthfiyanti Indriyana Luthfiyanti; Jurnal Ilmiah Sains dan Teknologi, 11(2), 141-153</i></p>		
	<p><i>Efek Torsi Bangunan Terhadap Respon Struktur Pada Sistem Rangka Pemikul Momen Khusus dan Sistem Ganda; 2022; Suci Fadhilah Ramadhani, Jonathan Saputra, Anis Rosyidah; Dinamika Rekayasa, 18(1), 1-11</i></p>		
	<p><i>Pemanfaatan Limbah Potongan Kawat Sebagai Campuran Beton Serat Untuk Membantu Masyarakat Melakukan Pengecoran Jalan; 2022; Amalia, Muhammad F Rouf Hasan, Anis Rosyidah, Rinawati Rinawati, Denny Yatmadi; JMM (Jurnal Masyarakat Mandiri), 6(5),</i></p>		
	<p><i>Chemical Anchor Pullout Force Modeling with Variation of Anchor Embedment Length in Concrete and Concrete Strength; 2022; Anis Rosyidah, Jasun Widiana Putra, Jonathan Saputra; Journal of the Civil Engineering Forum, 277-290</i></p>		
	<p><i>The effect of variation of shear walls placement on the response of building structure using the Direct Displacement-Based Design method; 2022; Hanif Satria Aji, Anis Rosyidah, Jonathan Saputra; SINERGI, 26(2), 201-212</i></p>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode



Staff Handbook



Name	<i>Eka Sasmita Mulya, S.T., M.Si.</i>		
Post	<i>Building Structure of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1990</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Indonesia</i>	<i>2005</i>
	Undergraduate degree (subject)	<i>Universitas Muhammadiyah Jakarta</i>	<i>1999</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>32</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Analisis Sambungan Balok Precast Sederhana Sistem Mechanic and Wet Connection Pada Momen Maksimum; 2018; Andrias Rudi Hermawan, Eka Sasmita Mulya; Jurnal Poli-Teknologi, 17(1)</i>		
	<i>Performa Embedded Balok Precast Tipe Pin Welded Plate Pada Momen Maksimum; 2019; A Rudi Hermawan, Eka Sasmita Mulya; Construction and Material Journal, 1(2), 133-140</i>		
	<i>Pelaksanaan Pekerjaan Struktur Lantai 18 Pada Proyek Apartemen Royal Sentul Park; 2019; Agung Yoga Pratama, Resti Friscilia, Eka</i>		

	<i>Sasmita Mulya; Prosiding Seminar Nasional Teknik Sipil, 1(1), 168-176</i>		
	<i>Pelaksanaan Pekerjaan Struktur Lantai 2 Proyek Logos Metrolink Logistic Hub; 2020; Alfiyanti Alfiyanti, Nurul Ismi, Eka Sasmita Mulya; Prosiding Seminar Nasional Teknik Sipil, 158-165</i>		
	<i>Performance of Embeded of Precast Beam Type Wet and Dry Joint at Maximum Moment; 2020; Applied Research on Civil Engineering and Environment (ARCEE), 1(2), 1-7</i>		
	<i>Analisis Balok Precast Type Lshape Pada Beban Maksimum; 2021; A Rudi Hermawan, Eka Sasmita Mulya; Prosiding Seminar Nasional Terapan Riset Inovatif (SENTRINOV), 7(1), 17-23</i>		
	<i>The Analysis of Type L Joint Precast Beam Concretea; 2022; Logic: Jurnal Rancang Bangun dan Teknologi, 22(2) 97-102</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode



Staff Handbook



Name	<i>Erlina Yanuarini, S.T., M.T.</i>		
Post	<i>Structure of Civil Engineering (Bridge)</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>2019</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>National Taiwan University of Science and Technology</i>	<i>2013</i>
		<i>Institut Teknologi Sepuluh Nopember</i>	<i>2013</i>
	Undergraduate degree (subject)	<i>Institut Teknologi Sepuluh Nopember</i>	<i>2011</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>3</i>
Research and development projects over the last 5 years	<i>Pengaruh Substitusi Slag Baja Terhadap Kuat Tekan Beton Porous; 2021; Erlina Yanuarini; Penelitian Internal PNJ; 12 Juta</i>		
	<i>Karakteristik Beton Aspal dengan Aspal Polimer Terhadap Banjir; 2020; Erlina Yanuarini; Hibah Penelitian Kelompok Dosen Pemula; 17,5 Juta</i>		
	<i>The Influence of climate and behavior on the health of Cities and Buildings in Europe; 2019; Dyah Nurwidyaningrum; Slyff Foundation</i>		
	<i>Analisis Implementasi Standar Layanan Minimal Politeknik Negeri Jakarta Menuju Badan Layanan Umum; 2020; Dyah Nurwidyaningrum; Pengembangan Institusi</i>		

Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Laporan Penelitian Karakteristik Beton Aspal dengan Aspal Polimer Terhadap Banjir</i>	WAHANA HKI Politeknik Negeri Jakarta	2020
	<i>Laporan Penelitian Karakteristik Beton Aspal dengan Bahan Tambah Limbah Karet Ban Terhadap Banjir Rob</i>	WAHANA HKI Politeknik Negeri Jakarta	2020
	<i>Buku Ajar Struktur Baja 1</i>	WAHANA HKI Politeknik Negeri Jakarta	2020
	<i>Laporan Penelitian Karakteristik Beton Aspal dengan Aspal Polimer Terhadap Banjir</i>	WAHANA HKI Politeknik Negeri Jakarta	2020
Important publications over the last 5 years	<i>Initial Geometric Imperfections Akibat Tekuk Single Curvature Moment Pada Balok Baja Sederhana; 2020; Erlina Yanuarini, Yanuar Setiawan, Tri Widya Swastika; Construction and Material Journal; 2; 183-193</i>		
	<i>Comparison Between the BOQ of Conventional and BIM Method on BPJS Building in Central Jakarta; 2020; Mutia Hanuun Ufaira Akbar, I Ketut Sucita, Erlina Yanuarini; Jurnal Rancang Bangun dan Teknologi; 21(1); 31-39</i>		
	<i>Perception Analysis Of PNJ Civil Engineering Students Toward Main Course Using Importance Performance Analysis Method; 2021; Amalia Amalia, Muhammad Fathur Rouf Hasan, Erlina Yanuarini, Yanuar Setiawan, Jonathan Saputra; Pedagogia: Jurnal Pendidikan; 10(1); 61-78</i>		
	<i>Improving The Performance Of Asphalt Concrete Mixtures With Polymer Asphalt In Submerged Floods; 2021; Yanuar Setiawan, Erlina Yanuarini, Nunung Martina, Muhammad Hasan, Rinawati Rinawati; Applied Research on Civil Engineering and Environment (ARCEE); 2(2); 61-68</i>		
	<i>Analysis of the use of rubber waste to improve the performance of the asphalt concrete mixture against tidal floods; 2021; Nunung Martina, MFR Hasan, Y Setiawan, E Yanuarini; IOP Conference Series: Earth and Environmental Science; 739(1); 012005</i>		
	<i>Peduli Dan Pencegahan Covid-19 Di Rt. 009, Rw. 016, Kelurahan Bakti Jaya, Kecamatan Sukma Jaya, Depok; 2021; Yelvi, Erlina Yanuarini, Tri Wulan Sari; Mitra Akademia; 3; 75-82</i>		
	<i>Reduksi Lendutan Pci Girder Dengan Pemasangan Diafragma; 2022; Aprilia Rossa Ariesta, Andi Indianto, Erlina Yanuarini; Jurnal Teknik Sipil; 16(2); 58-64</i>		

	<p><i>Perbandingan Boq Tulangan Antara Metode Konvensional Dengan Bim Apartemen “X”</i>; 2022; Tasya Putri Artanti, I Ketut Sucita, Erlina Yanuarini; <i>Jurnal Poli-Teknologi</i>; 21(1); 28-35</p>		
	<p><i>Evaluasi Kapasitas Penampang Struktur Beton Bertulang Menggunakan Tekla Structural Designer</i>; 2022; Sindi Widiyawati, Dhimas Adji Pratama, Erlina Yanuarini; <i>Teknika</i>; 16(1); 69-77</p>		
	<p><i>Peningkatan Desain Kapasitas Struktur Atas Beton Bertulang Gedung F RSUD Depok</i>; 2022; Dhimas Adji Pratama, Sindi Widiyawati, Erlina Yanuarini; <i>MoDuluS: Media Komunikasi Dunia Ilmu Sipil</i>; 4(1); 1-8</p>		
	<p><i>Pengaruh Substitusi Slag Baja Terhadap Kuat Tekan Beton Porous Non Pasir</i>; 2022; Erlina Yanuarini, Andi Indianto, Sukarman Sukarman, Ryan Anggriawan; <i>Jurnal Teknik Sipil</i>; 14(1); 16-22</p>		
	<p><i>Pengaruh Substitusi Slag Baja Terhadap Kuat Tarik Belah Dan Permeabilitas Beton Porous (Pervious Concrete)</i>; Erlina Yanuarini, Andi Indianto, Ryan Anggriawan; <i>Jurnal Ilmiah Teknologi Infomasi Terapan</i>; 8(2)</p>		
<p>Activities in Specialist Bodies Over the last 5 years</p>	<p>Organisation</p>	<p>Role</p>	<p>Periode</p>



Staff Handbook

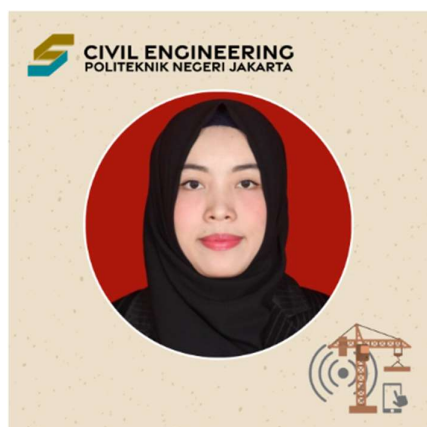


Name	<i>Fauzri Fahimudin, S.T., M.Sc., Dr.Eng</i>		
Post	<i>Structure of Civil Engineering (Bridge)</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1989</i>
	Doctorate (subject)	<i>Tokyo Institute of Technology</i>	<i>2001</i>
	Master Degree (subject)	<i>Denmark Technical University</i>	<i>1994</i>
	Undergraduate degree (subject)	<i>Universiitas Indonesia</i>	<i>1987</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>33</i>
Research and development projects over the last 5 years	<i>Perbandingan Kinerja Fatik antara Sambungan Las Mengandung Undercut dan Sambungan Las yang Digerinda; 2018; Fauzri Fahimudin; Mandiri di support PT. BUKAKA</i>		
	<i>Pengaruh Sambungan Las Berkampuh dan Tanpa Kampuh pada Baja SM-570 dalam Perancangan Jembatan dengan Pendekatan Fatik; 2019; Fauzri Fahimudin; Hibah Unggulan Prodi; 17,5 Juta</i>		
	<i>Kuat Fatik Akibat Tegangan (Stress) Yang Tinggi Pada Baja Sm-570 Dengan Sambungan Las Yang Digerinda; 2020; Fauzri Fahimudin; Hibah Unggulan Prodi; 19 Juta</i>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	<i>Konstruksi Jembatan 1 (penulis kedua) ISBN.</i>		<i>2018</i>
Important publications over the last 5 years	<i>Pembangunan Jembatan Penyeberangan Orang RT 03/RW 04 Kampung Pondok Manggis, Kelurahan Bojong Baru, Kecamatan Bojonggede Kabupaten Bogor; 2018; Fauzri Fahimuddin, Yelvi Yelvi, Handi Sudardja; Mitra Akademia: Jurnal Pengabdian Masyarakat; 1(2)</i>		

	<p><i>Tinjauan Fatik Elemen Struktur Atas Jembatan Terhadap Lhr Dan Usia Rencana Sesuai Aashto 2012; 2019; Fauzri Fahimuddin, Dio Akbar Hakim, Andi Indiandto; Construction and Material Journal; 1(3); 247-254</i></p>		
	<p><i>Tinjauan Fatik Elemen Struktur Atas Jembatan Terhadap Lhr Dan Usia Rencana Sesuai Aashto 2012 (* Inpress); 2019; Dio Akbar Hakim, Andi Indiandto, Fauzri Fahimuddin; Construction and Material Journal; 1(1)</i></p>		
	<p><i>Kinerja Fatik Sambungan Las Akibat Beban Dinamis Berdasarkan Peraturan Aashto 2012 (* Inpress); 2019; Fauzri Fahimuddin; Construction and Material Journal; 1(1)</i></p>		
	<p><i>Comparison of Fatigue Performance between Welded Joint Containing Undercut and Grinded Surface; 2021; Fauzri Fahimuddin, Mudiono Kasmuri, Rikki Sofyan; NVEO-NATURAL VOLATILES & ESSENTIAL OILS Journal NVEO; 12165-12172</i></p>		
	<p><i>Panduan kompetisi jembatan Indonesia tahun 2021; Fauzri Fahimuddin, Heru Purnomo, Amalia Mustofa, Nuzul Barkah Prihutomo; Pusat Prestasi Nasional; ajang Kompetisi Jembatan Indonesia (KJI) ke-16</i></p>		
<p>Activities in Specialist Bodies Over the last 5 years</p>	<p>Organisation</p>	<p>Role</p>	<p>Periode</p>



Staff Handbook



Name	<i>Lilis Tiyani, S.T., M.Eng.</i>		
Post	<i>Building Structure of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>2020</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Gadjah Mada</i>	<i>2019</i>
	Undergraduate degree (subject)	<i>Universitas Muhammadiyah Yogyakarta</i>	<i>2017</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>2</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Kuat Lentur Panel Dinding Beton Busa Dengan Lapis Grc Dan Wiremesh; 2019; Lilis Tiyani, Iman Satyarno, Ashar Saputra; Teknisia; 72-82</i>		
	<i>Panel Dinding Beton Busa dengan Lapis GRC dan Wiremesh; 2019; Lilis Tiyani; Universitas Gadjah Mada</i>		
	<i>Evaluasi Pengelolaan, Pengawasan dan Pengendalian Sistem Proteksi Kebakaran pada Gedung di Universitas Muhammadiyah Yogyakarta; 2020; Muh Sofyan Saugani, Fadillawaty Saleh, Hakas Prayuda, Lilis Tiyani, Bella Lutfiani Al Zakina; Semesta Teknika; 23(2); 175-181</i>		

	<p><i>Evaluasi Kondisi Lingkungan dan Sarana Penyelamatan Pada Gedung Perkuliahan Terhadap Bahaya Kebakaran; 2021; Fadillawaty Saleh, Sinta Rizky Amalia, Hakas Prayuda, Lilis Tiyani, Bella Lutfiani Al Zakina; Teknisia; 31-39</i></p>		
	<p><i>Comparative Study of Disaster Regulations in Analyzing Vulnerability Level of Elementary School Building Structures in Yogyakarta; 2021; Lilis Tiyani, Hakas Prayuda, Bagus Soebandono; Rekayasa Sipil;15(3); 167-174</i></p>		
	<p><i>Visual Assessment pada Bangunan Gedung Terhadap Sistem Keamanan Kebakaran; 2022; Fanny Monika, Siti Solihah, Hakas Prayuda, Lilis Tiyani, Bella Lutfiani Al Zakina; Bulletin of Civil Engineering; 2(1); 17-22</i></p>		
<p>Activities in Specialist Bodies Over the last 5 years</p>	<p>Organisation</p>	<p>Role</p>	<p>Periode</p>



Staff Handbook



Name	<i>Praganif Sukarno, S.T, M.Eng.</i>		
Post	<i>Structure of Civil Engineering (Bridge)</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1989</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Gadjah Mada</i>	<i>2010</i>
	Undergraduate degree (subject)	<i>Universitas Diponegoro</i>	<i>1995</i>
		<i>Politeknik Negeri Jakarta</i>	<i>1985</i>
Employment	Position	Employer	Period
	<i>Associate Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>33</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Bond strength of bar using grouting for precast concrete connection; 2019; Anis Rosyidah, I Ketut Sucita, Praganif Sukarno, SR Permita Sari, Chintya Sari; Applied Research on Civil Engineering and Environment (ARCEE); 1(1); 1-9</i>		
	<i>The Response of The Friction High Strength Bolt Connection for Steel Truss Bridge; 2019; Anis Rosyidah, Okky Irawan, Praganif Sukarno, I Ketut Sucita; CESC 2019: Proceedings of the 1st International Conference on Engineering, Science, and Commerce; 160</i>		
	Organisation	Role	Periode

Activities in Specialist Bodies Over the last 5 years			
--	--	--	--



Staff Handbook



Name	<i>Rinawati, S.T., M.T.</i>		
Post	<i>Building Structure of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>2005</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Syiah Kuala</i>	<i>2004</i>
	Undergraduate degree (subject)	<i>Universitas Syiah Kuala</i>	<i>1995</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>17</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Riview Analisa Struktur Atas Gedung Teknik Grafika Dan Penerbitan Politeknik Negeri Jakarta Terhadap Sni 1726 2019 Dan Sni 2847 2019; 2020; Muhammad Alva Lingga, Muhammad Rifqi Raihan, Rinawati Rinawati, Yanuar Setiawan; Prosiding Seminar Nasional Teknik Sipil; 1(1) 174-180</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode

Staff Handbook



Name	Sukarman, S.Pd., M.Eng.		
Post	Building Structure of Civil Engineering		
Academic career	Initial academic appointment	Politeknik Negeri Jakarta	2020
	Doctorate (subject)	-	-
	Master Degree (subject)	Universitas Gadjah Mada	2019
	Undergraduate degree (subject)	Universitas Negeri Yogyakarta	2017
Employment	Position	Employer	Period
	Assistant Professor	Politeknik Negeri Jakarta	2
Research and development projects over the last 5 years	Prototype Jembatan Plate Girder Prategang Type U Dengan Lantai Ortotropik Komposit; 2021; Penelitian Produk Terapan - PNJ		
	Pengaruh Substitusi Slag Baja Terhadap Kuat Tekan Beton Porous; 2021; Penelitian Kelompok Dosen Pemula - PNJ		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	Laporan Penelitian Tentang Prototype Jembatan Plate Girder Prategang Type U Dengan Lantai Ortotropik Komposit	WAHANA HKI Politeknik Negeri Jakarta	2021
	Laporan Penelitian Tentang Pengaruh Substitusi Slag Baja Terhadap Kuat Tekan Beton Porous	WAHANA HKI Politeknik Negeri Jakarta	2021
	Perawatan Bangunan Gedung	WAHANA HKI Politeknik Negeri Jakarta	2021

Important publications over the last 5 years	<i>Analisis Regangan Baja Tulangan Pada Struktur Pile Cap Empat Tiang Metode Strut And Tie Model; 2019; Sukarman Sukarman, Djoko Sulisty, Inggar Septhia Irawati; Inersia: Jurnal Teknik Sipil dan Arsitektur; Sukarman Sukarman, Djoko Sulisty, Inggar Septhia Irawati; 15(2); 60-71</i>		
	<i>Pendampingan Pengelola Yayasan Riyadul Falah Dalam Perbaikan Bangunan Gedung Gagal Konstruksi; 2021; JMM (Jurnal Masyarakat Mandiri); Agung Budi Broto, Muhammad Fathur Rouf Hasan, Sukarman Sukarman, I Ketut Sucita; JMM (Jurnal Masyarakat Mandiri); 5(6); 3476-3486</i>		
	<i>Pengaruh Substitusi Slag Baja Terhadap Kuat Tekan Beton Porous Non Pasir; 2022; Erlina Yanuarini, Andi Indianto, Sukarman Sukarman, Ryan Anggriawan; Portal: Jurnal Teknik Sipil; 14(1); 16-22</i>		
	<i>Pengaruh Substitusi Slag Baja Terhadap Kuat Tarik Belah Dan Permeabilitas Beton Porous (Pervious Concrete); 2022; Sukarman Sukarman, Erlina Yanuarini, Andi Indianto, Ryan Anggriawan; Jurnal Ilmiah Teknologi Informasi Terapan; 8(2); 332-338</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode



Staff Handbook



Name	<i>Yanuar Setiawan, S.T., M.T.</i>		
Post	<i>Building Structure of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>2019</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Diponegoro</i>	<i>2014</i>
	Undergraduate degree (subject)	<i>Universitas Diponegoro</i>	<i>2013</i>
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>3</i>
Research and development projects over the last 5 years	<i>Karakteristik Beton Aspal dengan Aspal Polimer terhadap Banjir; 2020; Yanuar Setiawan; Penelitian Dosen Pemula</i>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Modeling of the ITZ zone in concrete: Experiment and numerical simulation; 2017; Yanuar Setiawan1a, Buntara S Gan</i>		
	<i>Numerical analysis of castellated beams with oval openings; 2018; Yanuar Setiawan, Ay Lie Han, Buntara Sthenly Gan, Junaedi Utomo; MATEC Web of Conferences; 165; 02008</i>		
	<i>Pengaruh serbuk ban bekas sebagai campuran agregat halus pada campuran aspal porous; 2019; Nunung Martina, Muhammad Fathur Rouf Hasan, Yanuar Setiawan; Wahana Teknik Sipil: Jurnal Pengembangan Teknik Sipil; 24(2); 144-152</i>		

	<p><i>Analisis Dinamik Respon Struktur Gedung Beraturan Dan Ketidakberaturan Horizontal; 2020; Ummi Khoirunnissa, Rinawati Djakfar, Yanuar Setiawan; Construction and Material Journal; 2(1); 59-68</i></p>		
	<p><i>Riview Analisa Struktur Atas Gedung Teknik Grafika Dan Penerbitan Politeknik Negeri Jakarta Terhadap Sni 1726 2019 Dan Sni 2847 2019; 2020; Muhammad Alva Lingga, Muhammad Rifqi Raihan, Rinawati Rinawati, Yanuar Setiawan; Prosiding Seminar Nasional Teknik Sipil; 174-180</i></p>		
	<p><i>Initial Geometric Imperfections Akibat Tekuk Single Curvature Moment Pada Balok Baja Sederhana; 2020; Erlina Yanuarini, Yanuar Setiawan, Tri Widya Swastika; Construction and Material Journal; 2(3); 183-193</i></p>		
	<p><i>Perception Analysis Of PNJ Civil Engineering Students Toward Main Course Using Importance Performance Analysis Method; 2021; Amalia Amalia, Muhammad Fathur Rouf Hasan, Erlina Yanuarini, Yanuar Setiawan, Jonathan Saputra; Pedagogia: Jurnal Pendidikan; 10(1); 61-78</i></p>		
	<p><i>Improving The Performance of Asphalt Concrete Mixtures With Polymer Asphalt in Submerged Floods; 2021; Yanuar Setiawan, Erlina Yanuarini, Nunung Martina, Muhammad Fathur Rouf Hasan, Rinawati Rinawati; 2(2); 1-8</i></p>		
	<p><i>Analysis of the use of rubber waste to improve the performance of the asphalt concrete mixture against tidal floods; 2021; Nunung Martina, MFR Hasan, Y Setiawan, E Yanuarini; IOP Conference Series: Earth and Environmental Science; 739(1); 012005</i></p>		
	<p><i>Evaluasi Gedung Arsip Politeknik Negeri Jakarta Sesuai Sni 1726-2019 Dan Sni 2847-2019; 2021; Yanuar Setiawan, Bima Ryanto, Mikha Geraldine, Rinawati Rina; Construction and Material Journal; 3(1); 51-56</i></p>		
	<p><i>The Use Of Glass Powder Waste As A Partial Substitute For Cement On The Compressive Strength Of Concrete; 2022; Nunung Martina, Mely Duta Kinanti, Muhammad Fathur Rouf Hasan, Putera Agung Maha Agung, Yanuar Setiawan; GEOMATE Journal; 23(98); 197-204</i></p>		
	<p><i>Compressive Strength Of Concrete Using Lightweight Brick Waste As The Substitute For Fine Aggregate; 2022; Nunung Martina, Rizka Nurul Bakti, Muhammad Fathur Rouf Hasan, Putera Agung Maha Agung, Yanuar Setiawan; GEOMATE Journal; 23(98); 189-196</i></p>		
	<p><i>Asesmen Kelayakan Material Praktek Konstruksi Baja di Teknik Sipil PNJ untuk Menghasilkan Produk Layak Jual; 2022; Yanuar Setiawan, Dyah Nurwidyaningrum; Journal Of Research and Innovation in Civil Engineering as Applied Science; 1(1); 1-5</i></p>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode



**“WATER RESOURCES OF CIVIL
ENGINEERING”**

POLITEKNIK
NEGERI
JAKARTA

Staff Handbook



Name	Denny Yatmadi, S.T., M.T.		
Post	Water Resources of Civil Engineering		
Academic career	Initial academic appointment	Politeknik Negeri Jakarta	1998
	Doctorate (subject)	-	-
	Master Degree (subject)	Institut Teknologi Bandung	2006
	Undergraduate degree (subject)	Universitas Indonesia	2003
Employment	Position	Employer	Period
	Assistant Professor	Politeknik Negeri Jakarta	24
Research and development projects over the last 5 years	<i>Pergerakan Sungai dan pembuatan Tanggul di Jakarta yang Optimum untuk Daerah Land Subsidence dengan Modeling 3D Non Orthogonal Boundary Fitted; 2021; Denny Yatmadi; Penelitian Internal PNJ; 15 Juta</i>		
	<i>Pengujian Parameter Fisika dan Kimia Sampel Air Muara Sungai Sunter; 2021; Denny Yatmadi; Penelitian Internal PNJ; 15 Juta</i>		
	<i>Penelusuran Lulusan (Tracer Study) Program Studi D3 Konstruksi Sipil Jurusan Teknik Sipil Politeknik Negeri Jakarta; 2020; Denny Yatmadi; Penelitian Internal PNJ; 12,5 Juta</i>		
	<i>Study Pemanfaatan Waduk di DAS Ciliwung sebagai Upaya Pemulihan Banjir di Wilayah Tengah Jakarta; 2019; Denny Yatmadi; Penelitian Internal PNJ; 20 Juta</i>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-

Important publications over the last 5 years	<i>Pelaksanaan Pekerjaan Beton Bertulang Pada Proyek Transpark Bekasi; 2019; Dea Fitri, Zahara Dwicahyanti, Denny Yatmadi; Prosiding Seminar Nasional Teknik Sipil; 1(1); 7-14</i>		
	<i>Perhitungan Dimensi Saluran Drainase Perumahan Hillside Colony Bogor; 2019; Muhamad Wildan, Vinayaka Gheanada Afifah, Denny Yatmadi; Prosiding Seminar Nasional Teknik Sipil; 1(1); 627-667</i>		
	<i>Pelaksanaan Pekerjaan Struktur Mall Lantai 4l Proyek Trans Park Cibubur; 2019; Dimas Pratama, Shanny Septiyani, Denny Yatmadi; Prosiding Seminar Nasional Teknik Sipil; 1(1); 300-309</i>		
	<i>Pelaksanaan Pekerjaan Struktur Lantai 10 Tower A Proyek Nines Plaza & Residence; 2020; Dinny Tania Agustina, Miqdad Al Ghiffary, Denny Yatmadi, Mursid Mufti Ahmad; Prosiding Seminar Nasional Teknik Sipil; 229-236</i>		
	<i>Perhitungan Ulang Dimensi Sungai Jatikramat Dan Sungai Cakung; 2020; Abdul Kohar, Putut Radityo Kuswidyarko, Denny Yatmadi; Prosiding Seminar Nasional Teknik Sipil; 209-217</i>		
	<i>Perhitungan Debit Banjir Sungai Cipinang Dan Sungai Sunter Pada Berbagai Periode Ulang; 2020; Ema Khoirunisa Ovilia, Eri Pri-madianti, Denny Yatmadi; Construction and Material Journal; 2(3); 219-228</i>		
	<i>Pendampingan Perbaikan Fasilitas Musholla Al-Amin Untuk Meningkatkan Kenyamanan Beribadah; 2021; Amalia Amalia, Muhammad Fathur Rouf Hasan, Anis Rosyidah, Denny Yatmadi; JMM (Jurnal Masyarakat Mandiri); 5(6); 3104-3113</i>		
	<i>Analisis Kapasitas Penampang Kanal Banjir Barat; 2021; Liza Puteri Ghaisani, Rizki Dwi Kurniawan, Denny Yatmadi; Prosiding Seminar Nasional Teknik Sipil; 93-99</i>		
	<i>Pemanfaatan Limbah Potongan Kawat Sebagai Campuran Beton Serat Untuk Membantu Masyarakat Melakukan Pengecoran Jalan; 2022; Amalia Amalia, Muhammad F Rouf Hasan, Anis Rosyidah, Rinawati Rinawati, Denny Yatmadi; JMM (Jurnal Masyarakat Mandiri); 6(5)</i>		
	<i>Influence Of Salinity Levels Analysis On Settling Velocity Of Fine Sediment Grains In Ciliwung Estuary: Salinity Levels On Settling Velocity Of Fine Sediment Grains; 2022; Tri Wulan Sari, Denny Yatmadi, Rommy Martdianto; Logic: Jurnal Rancang Bangun dan Teknologi; 22(2); 110-118</i>		
	<i>Cohesive Sediment Simulation in Kanal Banjir Barat Using MuSed3D, Non-Orthogonal Boundary Fitted Sediment Transport Model; 2022; Denny Yatmadi, Muslim Muin, Ricky L Tawekal, Heru Nur Alam, Arung Bahari Muslim; IOP Conference Series: Earth and Environmental Science; 1065(1); 012014</i>		
	<i>Density Analysis Of River Water Throughout Jakarta City To Hydrostatic Pressure; 2022; Tri Wulan Sari, Denny Yatmadi; Jurnal Pendidikan Fisika dan Keilmuan (JPFK); 7(2)</i>		
	Organisation	Role	Periode

Activities in Specialist Bodies Over the last 5 years			
--	--	--	--



Staff Handbook



Name	<i>Mursid, S.T., M.Eng.</i>		
Post	<i>Water Resources of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1984</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Gadjah Mada</i>	<i>2014</i>
	Undergraduate degree (subject)	<i>Universitas Indonesia</i>	<i>1998</i>
<i>Politeknik Negeri Bandung</i>		<i>1987</i>	
Employment	Position	Employer	Period
	<i>Assistant Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>38</i>
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Penggunaan Aluma System Pada Proyek Green Sedayu Apartment; 2019; Nofila Sari, Rini Mardiana, Mursid Mufti Ahmad; Prosiding Seminar Nasional Teknik Sipil; 1(1); 282-289</i>		
	<i>Pelaksanaan Pekerjaan Struktur Atas Proyek Royal Garden Apartment Di Depok; 2019; Alvira Adhiambhari, Vidia Intan Deliani, Mursid Mufti Ahmad; Prosiding Seminar Nasional Teknik Sipil; 1(1); 346-353</i>		
	<i>Perkiraan Tinggi Standar Lantai Jembatan Terhadap Pengaruh Muka Air Banjir; 2020; Mursid Mufti Ahmad, Deny Yatmadi; Jurnal Poli-Teknologi; 19(1); 17-24</i>		

	<p><i>Pelaksanaan Pekerjaan Struktur Lantai 19 Proyek Hotel Transpark Cibubur; 2020; Aditya Reza Pratama, Luther Panangian Joseph, Mursid Mufti Ahmad; Prosiding Seminar Nasional Teknik Sipil; 1(1); 11-17</i></p>		
	<p><i>Pelaksanaan Pekerjaan Struktur Atas Lantai 23 Proyek The Pakubuwono Menteng Jakarta Pusat; 2020; Syavira Rizki Amelia, Zahra Pangastuti, Mursid Mufti Ahmad; Prosiding Seminar Nasional Teknik Sipil; 1(1); 112-121</i></p>		
	<p><i>Pelaksanaan Pekerjaan Struktur Lantai 12 Proyek Apartemen The Padmayana Senayan; 2020; Afifah Bella Assaydah, Jihan Azizah, Mursid Mufti Ahmad; Prosiding Seminar Nasional Teknik Sipil; 1(1); 150-157</i></p>		
	<p><i>Pelaksanaan Pekerjaan Struktur Lantai 25 Area Tower A Proyek Transpark Bintaro Tangerang Selatan; 2020; Aldo Wirastana Adinagara, Muhamad Iqbal, Mursid Mufti Ahmad; Prosiding Seminar Nasional Teknik Sipil; 1(1); 188-194</i></p>		
	<p><i>Pelaksanaan Pekerjaan Struktur Lantai 10 Tower A Proyek Nines Plaza & Residence; 2020; Dinny Tania Agustina, Miqdad Al Ghiffary, Denny Yatmadi, Mursid Mufti Ahmad; Prosiding Seminar Nasional Teknik Sipil; 229-236</i></p>		
<p>Activities in Specialist Bodies Over the last 5 years</p>	<p>Organisation</p>	<p>Role</p>	<p>Periode</p>



Staff Handbook



Name	<i>Surtipto, S.T., M.Eng.</i>		
Post	<i>Water Resources of Civil Engineering</i>		
Academic career	Initial academic appointment	<i>Politeknik Negeri Jakarta</i>	<i>1988</i>
	Doctorate (subject)	-	-
	Master Degree (subject)	<i>Universitas Gadjah Mada</i>	<i>2011</i>
	Undergraduate degree (subject)	<i>Universitas Diponegoro</i>	<i>1996</i>
Employment	Position	Employer	Period
	<i>Associate Professor</i>	<i>Politeknik Negeri Jakarta</i>	<i>34</i>
Research and development projects over the last 5 years	<i>Kebutuhan Air Irigasi Untuk Tanaman Padi Genjah; 2016; Surtipto; DIPA PNJ</i>		
	<i>Perbandingan Biaya Pemakaian Lampu LED dan HPS di JL. H.R. Rasuna Saïd dan JL. Mayjen Sutoyo, Jakarta; 2017; Surtipto; DIPA PNJ</i>		
	<i>Kebutuhan Air Irigasi Untuk Tanaman Padi Berumur Panjang; 2018; Surtipto; DIPA PNJ</i>		
	<i>Analisis Stabilitas dan Perkuatan Lereng Menggunakan Plaxis 2D di Desa Sukaresmi, Sukabumi Jawa Barat; 2019; Surtipto; DIPA PNJ</i>		
	<i>Pengembangan Metode Pengelolaan Sumber daya Air Untuk Saluran Irigasi; 2020; Surtipto; DIPA PNJ</i>		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-	-	-
Important publications over the last 5 years	<i>Kebutuhan Air Irigasi Untuk Tanaman Padi Genjah; 2018; Surtipto Surtipto; Jurnal Poli-Teknologi; 17(1)</i>		
	<i>Analisis Stabilitas Dan Perkuatan Lereng Menggunakan Plaxis2d Di Desa Sukaresmi, Sukabumi, Jawa Barat; 2019; A'isyah Salimah,</i>		

	<i>Muhammad Fathur Rouf Hasan, Suropto Suropto, Yelvi Yelvi, Imam H Sasongko; 5(2); 29-36</i>		
	<i>Pelaksanaan Pekerjaan Struktur Basement Metode Top - Down Menara Tendean-Jakarta Selatan; 2019; Widi Sri Wahyuni, Zharany Permana Putri, Suropto; Prosiding Seminar Nasional Teknik Sipil; 1(1); 36-41</i>		
	<i>Produksi Dan Metode Pemasangan Precast Dinding Luar Proyek Klapa Village; 2019; Rahma Rahma, Shiyami Ramadhona Alfitriyah, Suropto Suropto; Prosiding Seminar Nasional Teknik Sipil; 1(1); 310-317</i>		
	<i>Analisis Pelaksanaan Pengelolaan Dan Pemantauan Lingkungan Pembangunan Gedung Bertingkat; 2019; Ajeng Widyaningrum Rahmadhani, Muhammad Naufal Rafif, Suropto; Prosiding Seminar Nasional Teknik Sipil; 1(1); 337-345</i>		
	<i>Perencanaan Penyediaan Air Bersih Di Kelurahan Cirendeui Kota Tangerang Selatan; 2020; Fachrizal Ramadhan Risan Jayadi, Fadli Himawan, Suropto; Prosiding Seminar Nasional Teknik Sipil; 1(1); 1-10</i>		
	<i>Pelaksanaan Pekerjaan Slab Pada Proyek Jalan Tol Elevated; 2020; Nur Aghniyatun Sholiha, Rianzani Suci Ramadhanti, Suropto; Prosiding Seminar Nasional Teknik Sipil; 1(1); 68-76</i>		
	<i>Pelaksanaan Pekerjaan Beton Bertulang Lantai 24 Menara Bri Gatot Subroto; 2020; Asta Panji Semita, Savira Rahma Julita, Suropto; Prosiding Seminar Nasional Teknik Sipil; 1(1); 129-137</i>		
	<i>Pelaksanaan Struktur Atas Pada Proyek Rumah Susun Stasiun Pondok Cina; 2020; Farida Mutiara Putri, Muhammad Nur Pramuji, Suropto; Prosiding Seminar Nasional Teknik Sipil; 1(1); 218-228</i>		
Activities in Specialist Bodies Over the last 5 years	Organisation	Role	Periode