Biodata

A. Identitas Diri

1	Nama Lengkap (dengan gelar)	Yanuar Haryanto, S.T., M.Eng
2	Jenis Kelamin	Laki-Laki
3	Jabatan Fungsional	Lektor Kepala
4	NIP	198101172005011001
5	NIDN	0017018101
6	Tempat dan Tanggal Lahir	BANJARNEGARA / 17-01-1981
7	E-mail	yanuar.haryanto@unsoed.ac.id
8	No Telp / HP	085647792385
9	Alamat Kantor	Jl Mayjen Sungkono KM 5 Blater Purbalingga
10	No Telp / Faks	(0281) 6569700
11	Mata Kuliah yang diampu	• Analisis Struktur Metode Matriks • Struktur Baja • Mekanika Bahan • Struktur Baja Lanjut • Rekayasa Bangunan Tahan Gempa • Analisis Struktur II • Desain Plastis • Metode Elemen Hingga • Struktur Beton

B. Riwayat Pendidikan

Jenjang	**S1**
Nama Perguruan Tinggi	Universitas Sebelas Maret
Bidang Ilmu	Teknik Sipil
Tahun Masuk - Lulus	1999 - 2005

Judul Skripsi/Tesis/Disertasi	Kajian Ketahanan Kejut (Impact Resistance) pada Beton Ringan Serat Aluminium dengan Agregat ALWA
Nama Pembimbing/Promotor	Ir. A Medianto, MT; Senot Sangadji, ST, MT
Jenjang	**S2**
Nama Perguruan Tinggi	Universitas Gadjah Mada
Bidang Ilmu	Teknik Sipil (Struktur)
Tahun Masuk - Lulus	2009 - 2011
Judul Skripsi/Tesis/Disertasi	Perilaku Lentur Balok Beton Bertulang Tampang T yang Diperkuat pada Daerah Momen Negatif dengan Wire Rope dan Komposit Mortar
Nama Pembimbing/Promotor	Prof. Ir. Iman Satyarno, M.E., Ph.D; Dr.-Ing. Ir. Djoko Sulistyo

C. Riwayat Jabatan Fungsional dan Kepangkatan

Jabatan Fungsional/Pangkat	TMT
Asisten Ahli	1 Februari 2007
Penata Muda Tk. 1 (IIIb)	1 April 2011
Lektor	1 Mei 2014
Penata (IIIc)	1 Oktober 2014
Lektor Kepala	1 Februari 2018
Penata Tk. 1 (IIId)	1 April 2018

D. Pengalaman Penelitian Dalam 10 Tahun Terakhir
(Bukan Skripsi, Tesis, maupun Disertasi)

No	Tahun	Judul Penelitian	Sumber Dana	Jumlah (Juta Rp)
1	2012	Pengaruh Gaya Prategang Awal terhadap Efektifitas Penggunaan Wire Rope sebagai Perkuatan Daerah Momen Negatif Balok Beton Bertulang Tampang T	Riset Pemula (BLU Unsoed)	10,000,000
2	2013	Pemanfaatan Bambu Petung Sebagai Perkuatan Lentur Dan Geser Balok Beton Dengan Variasi Perekat Berbahan Dasar Semen	Riset Pemula (BLU Unsoed)	10,000,000
3	2013	Rancang Bangun Teknologi Laminasi (Glulam) Pada Struktur Jembatan Komposit Glulam-Beton Dengan Memanfaatkan Bahan Bangunan Lokal Bambu dan Kayu Kelapa (Glugu)	Penelitian Hibah Bersaing (Hibah Penelitian Desentralisasi)	62,000,000

4	2014	Pemanfaatan Limbah Ban Bekas Sebagai Agregat Kasar Untuk Pengembangan Bata Beton Ringan Hemat Energi dan Ramah Lingkungan	Penelitian Hibah Bersaing (Hibah Penelitian Desentralisasi)	32,000,000
5	2014	Perkuatan Balok Beton Bertulang Metode Near Surface Mounted Menggunakan Bambu Petung (Studi Kasus Bangunan Ruko Dua Lantai)	Riset Pemula (BLU Unsoed)	8,000,000
6	2016	Pengaruh Diameter Tulangan Dan Jarak Pin Terhadap Perbaikan Kuat Lekat Tulangan Bambu Apus Pada Variasi Mutu Beton	Penelitian Lainnya	17,500,000
7	2016	Kinerja Model Gedung Tidak Beraturan 5 Lantai dan 10 Lantai Di Wilayah Barlingmascakeb Akibat Beban Gempa SNI-03-1726-2002 Dan SNI-03-1726-2012	Riset Pemula (BLU Unsoed)	15,000,000
8	2016	Pemanfaatan Bambu Sebagai Tulangan Pada Elemen Struktur Beton Pracetak Segmental Untuk Rumah Sederhana (Tahun Kedua)	Riset Institusional (BLU Unsoed)	50,000,000
9	2015	Kontribusi Gaya Dan Pengangkuran Prategang Pada Balok Beton Pracetak Segmental Bertulangan Limbah Ban Terhadap Kapasitas Lentur	Riset Unggulan Perguruan Tinggi (BLU Unsoed)	75,000,000
10	2015	Penerapan Papan Semen Komposit Limbah Serat Kayu Aren Dan Limbah Serutan Bambu Petung Untuk Eternit, Panel Dinding dan Kusen	Penelitian Hibah Bersaing (Hibah Penelitian Desentralisasi)	57,500,000
11	2017	Analisis Kelayakan Jembatan Sungai Serayu Patikraja Akibat Alih Fungsi Penggunaan Jembatan Ditinjau Dari Analisis Pushover dan Time History	Riset Peningkatan Kompetensi (BLU Unsoed)	20,000,000
12	2017	Studi Numerikal dan Eksperimental Pemanfaatan Tali Kawat Baja Sebagai Perkuatan Eksternal Balok Beton Bertulang untuk Mencegah Kegagalan Struktur	Riset Institusional (BLU Unsoed)	47,500,000
13	2018	Studi Numerikal dan Eksperimental Pemanfaatan Tali Kawat Baja Sebagai Perkuatan Eksternal Balok Beton Bertulang untuk Mencegah Kegagalan Struktur (Tahun Kedua)	Riset Institusional (BLU Unsoed)	50,000,000
13	2018	Penggunaan Pelat Baja Sebagai Perkuatan Metode *Near Surface Mounted* untuk Meningkatkan Kapasitas Balok Beton Bertulang	Riset Institusional (BLU Unsoed)	25,000,000

E. Pengalaman Pengabdian Kepada Masyarakat dalam 10 Tahun Terakhir

No	Tahun	Judul Pengabdian Kepada Masyarakat	Sumber Dana	Jumlah (Juta Rp)
1	2011	Penguasaan Teknologi Bidang Teknik sebagai Upaya Meningkatkan Kompetensi dan Daya Saing Lulusan	Lainnya	5,000,000
2	2014	Teknologi Beton Khusus: Proses Produksi dan Aplikasinya di Lapangan	Penguatan Program Pemberdayaan Masyarakat	10,000,000

3	2013	Tata Cara Pengujian Beton Segar dan Pengujian Tidak Merusak Pada Struktur Beton	Lainnya	2,000,000
4	2013	Pelatihan Perancangan Campuran Adukan Beton Normal	Lainnya	2,000,000
5	2015	Video Teknik Pembetonan Sebagai Media Bantu Untuk Meningkatkan Kualitas Praktik Konstruksi Bangunan	Visualisasi IPTEKS	10,000,000
6	2015	Peningkatan Pengetahuan Dan Kemampuan Masyarakat Dalam Penerapan Teknologi Pengawetan Bambu Melalui Penguatan Kader Teknik PNPM Mandiri di Kabupaten Purbalingga	Penguatan Program Pemberdayaan Masyarakat	10,000,000
7	2016	Aplikasi Dinding Bertulangan Bambu Untuk Rumah Sederhana di Desa Pakuncen Kecamatan Bobotsari Kabupaten Purbalingga	Penerapan IPTEKS	10,000,000
8	2016	IbM Desa Pakuncen dalam Penerapan Konstruksi Jembatan Bambu	Lainnya	50,000,000
9	2017	Beton Non Pasir Bertulangan Bambu untuk Konstruksi Tempat Pembungan Sampah Terpadu dan Infrastruktur Jalan Pedesaan	Pengabdian Kepada Masyarakat (PKM) Berbasis Riset	30,000,000
10	2018	Beton Non Pasir Bertulangan Bambu untuk Konstruksi Tempat Pembungan Sampah Terpadu dan Infrastruktur Jalan Pedesaan (Tahun Kedua)	Pengabdian Kepada Masyarakat (PKM) Berbasis Riset	30,000,000

F. Publikasi Artikel Ilmiah pada Jurnal Internasional dalam 5 Tahun Terakhir

No	Judul Artikel Ilmiah	Nama Jurnal	Volume/Nomor/Tahun
1	Wire Rope Flexural Bonded Strengthening System on RC-Beams: A Finite Element Simulation	International Journal of Technology	8/1/2017
2	Near Surface Mounted Bamboo Reinforcement for Flexural Strengthening of Reinforced Concrete Beams	Jurnal Teknologi (Sciences and Engineering)	79/6/2017
3	The Performance of a Ten-Story Irregular Apartment Building Model under Seismic Load in Purbalingga Regency Indonesia	ARPN Journal of Engineering and Applied Sciences	12/17/2017
4	Waste Tire Application in Concrete Structures	Aceh International Journal of Science and Technology	6/1/ 2017
5	On the Performance of Steel Wire Rope as the External Strengthening of RC Beams with Different End-Anchor Types	Jurnal Teknologi (Sciences and Engineering)	80/5/2018

6	On the Performance of a Multi Story Irregular Apartment Building Model Under Seismic Load in Indonesian Moderately High Seismicity Region	Aceh International Journal of Science and Technology,	8/1/2019
7	Finite Element Analysis of T-Section RC Beams Strengthened by Wire Rope in the Negative Moment Region with an Addition of Steel Rebar at the Compression Block	Jurnal Teknologi (Sciences and Engineering)	81/4/ 2019
8	Seismic Vulnerability Assessment Using Rapid Visual Screening: Case Study of Educational Facility Buildings of Jenderal Soedirman University	Civil Engineering Dimension	22/1/2020
9	Investigation on Structural Behavior of Bamboo Reinforced Concrete Slabs under Concentrated Load	Sains Malaysiana	*(Accepted/in editing)*
10	Steel Wire Rope for Enhancing Flexural Performance of RC Beams by External Strengthening Technique	Journal of the Chinese Institute of Engineers	*(In revision)*
11	Predicting the Flexural Capacity of Reinforced Concrete Beams Strengthened with Non-Metallic Materials using Analytical Method	Journal of Engineering Science and Technology	*(In review)*
12	Land Subsidence Potential Detection In Yogyakarta International Airport Using Sentinel-1 Insar Data	Civil Engineering Dimension	*(In review)*
13	Coseismic deformation associated with the september 14 2012 mentawai, indonesia, earthquake	Civil Engineering Dimension	*(In review)*
14	Prestressing of steel wire ropes bonded in the negative moment region to enhance structural performance of T-section RC beams	Structural Engineering and Mechanics	*(In review)*
15	Seismic performance of non-ductile detailing reinforced concrete frames: an experimental investigation	Journal of the Chinese Institute of Engineers	*(In review)*

G. Pemakalah Seminar Ilmiah Internasional (Oral Presentation) dalam 5 Tahun Terakhir

No	Nama Pertemuan Ilmiah / Seminar	Judul Artikel Ilmiah	Waktu dan Tempat
1	The 5th International Conference of Euro Asia Civil Engineering Forum (EACEF-5)	Influence of Prestressed Force in The Waste Tire Reinforced Concrete	16-09-2015, Universitas Kristen Petra Surabaya
2	International Conference on Sustainable Civil Engineering Structures and Construction Materials (The 3rd SCESCM)	Preliminary Seismic Hazard Assessment of The Ooral and Dental Hospital of Jenderal Soedirman University Indonesia	05-09-2016, Bali, Indonesia
3	International Conference on Sustainable Civil Engineering Structures and Construction Materials (The 3rd SCESCM)	Flexural Behaviour of Precast Hollow Core Slab Using PVC Pipe and Styrofoam with Different Reinforcement	05-09-2016, Bali, Indonesia
4	The 1st International Conference of Applied Science and Technology for Infrastructure Engineering (ICASIE 2017)	Compressive Strength and Modulus of Elasticity of Concrete with Cubed Waste Tire Rubbers as Coarse Aggregates	05-08-2017, Surabaya
5	The 6th International Conference of Euro Asia Civil Engineering Forum (EACEF 2017)	Mechanical Properties of Lightweight Aggregate Concrete Reinforced with Soda Can Waste Fibre	23-08-2017, Hanyang University, Seoul, Korea
6	The 6th International Conference of Euro Asia Civil Engineering Forum (EACEF 2017)	Flexural Strength of Walls Made of Hollow Core Concrete Bricks Using a Variation Model of Notch as The Interlocking Device	23-08-2017, Hanyang University, Seoul, Korea
7	Conference on Building Materials and Construction (ICBMC 2018)	Experimental Study on the Properties of Artificial Lightweight Aggregate Concrete Reinforced with Carpet Waste Fiber	23–25 February 2018, Nha Trang, Vietnam
8	The 4th International Conference on Engineering, Applied Sciences and Technology (ICEAST 2018) "Exploring Innovative Solutions for Smart Society"	Seismic performance of a high-rise residential building model in Purwokerto, Indonesia	July 4-7, 2018, Phuket, Thailand
9	The 4th International Conference on Rehabilitation and Maintenance in Civil Engineering (ICRMCE 2018)	The effect of recycled coarse aggregate (RCA) with surface treatment on concrete mechanical properties	July 11-12, 2018 Solo Baru, Indonesia
10	The 4th International Conference on Rehabilitation and Maintenance in Civil Engineering (ICRMCE 2018)	A structural performance evaluation of vertical housing model due to the increased seismic loads in Semarang, Indonesia using a pushover analysis	July 11-12, 2018 Solo Baru, Indonesia

11	International Conference on Engineering, Technology and Innovative Researches 2019	Seismic Performance of the Inpatient Building of Goeteng Hospital, Purbalingga, Indonesia	8–19 September 2019, Purwokerto, Indonesia
12	The 7th International Conference of Euro Asia Civil Engineering Forum (EACEF 2019)	Nonlinear Finite Element Analysis of Traditional Flexural Strengthening using Betung Bamboo (Dendrocalamus asper) on Concrete Beams	30.09.2019 – 02.10.2019 Stuttgart, Germany
13	The 7th International Conference of Euro Asia Civil Engineering Forum (EACEF 2019)	Precast Segmental Bamboo Reinforced Concrete Beams with Bolted Connections Subjected to Flexural Loads: An Experimental Investigation	30.09.2019 – 02.10.2019 Stuttgart, Germany
14	International Conference on Engineering, Technology and Innovative Researches 2020 *(Accepted)*	Capacity-Based Seismic Design of A Middle-Rise Residential Building in Moderately-High Seismicity Area	2 September 2020, Purwokerto, Indonesia
15	International Conference on Engineering, Technology and Innovative Researches 2020 *(Accepted)*	Load-Carrying Capacity and Failure Mode of Composite Steel-Concrete Truss Element under Monotonic Loading	2 September 2020, Purwokerto, Indonesia
16	International Conference on Engineering, Technology and Innovative Researches 2020 *(Accepted)*	FEMA 310 Tier 1 Seismic Evaluation of Existing Building: A Case Study of a 7-Story Academic RC Building of Jenderal Soedirman University, Indonesia	2 September 2020, Purwokerto, Indonesia
17	Thrid International Conference on Concrete Sustainability (fib ICCS20) *(Accepted)*	Flexural behavior of artificial lightweight aggregate concrete reinforced by carpet waste fiber	8–10 September 2021, Prague, Czech Republic
18	Thrid International Conference on Concrete Sustainability (fib ICCS20) *(Accepted)*	Validating Analytical Method to Predict Flexural Behavior of T-Section RC Beams Strengthened with Bonded Steel Wire Rope in the Negative Moment Region	8–10 September 2021, Prague, Czech Republic

H. Penghargaan dalam 10 tahun Terakhir (dari pemerintah, asosiasi atau institusi lainnya)

No	Jenis Penghargaan	Institusi Pemberi Penghargaan	Tahun
1	Best paper award in recognition of the outstanding research	The 4th International Conference on Engineering, Applied Sciences and Technology (ICEAST 2018)	2018