CURRICULUM VITAE

A. Identitas Diri

1	Nama Lengkap dan gelar	Prof. Buan Anshari, ST., MSc(Eng.), Ph.D.
2	Jenis Kelamin	(L) / P
3	Jabatan Fungsional	Guru Besar
4	NIDN	0003077104
5	Alamat E-mail	buan.anshari@unram.ac.id
6	Alamat Kantor	Jl Majapahit 62 Mataram
7	Nomor Telepon/Faks	(0370) 636126
8	Lulusan yang Telah Dihasilkan	S2=17 ; S1=30
9	Website pribadi	
10	Bidang Keahlian	Teknik Struktur, Struktur Kayu
11	Research Interest	Rekayasa Kayu dan Bambu, Finite Element Model

B. Riwayat Pendidikan

Tingkat Pendidikan	S-1	S-2	S-3
Nama Perguruan Tinggi	Universitas Mataram	Universitas of Liverpool, UK	Universitas of Liverpool, UK
Bidang Ilmu	Teknik Sipil	Teknik Sipil (Struktur)	Teknik Sipil (Struktur)
Tahun Masuk-Lulus	1991-1997	2000-2001	2008-2013
Judul Skripsi/ Tesis/ Disertasi	Perencanaan Sabo-dam Meloang I, Desa Tanggik, Kab. Lombok Timur	Computer Aided learning package for teaching and assessing Structural Timber Design	Structural behaviour of glued laminated timber beams reinforced by compressed wood
Nama Pembimbing/ Promotor	Ir. Morisco, PhD Ir. Joedono, MCE	Prof Steve Millard	Dr Zhongwei Guan Dr Steve Jones

C. Keanggotaan Asosiasi Profesi/Keahlian

No	Asosiasi Profesi	Posisi	Tahun
1	Masyarakat Peneliti Kayu Indonesia	Anggota	2014-sekarang
2	Persatuan Insiyur Indonesia	Anggota	2021

D. Pengalaman Pengajaran

No	Mata Kuliah (SKS)	SKS	Jenjang	Perguruan Tinggi	Tahun
1	Metodologi Riset (S2)	3	S2	Unram	2017-2020

2	Reakayasa Material Berkelanjutan (S2)	3	S2	Unram	2015-2019
3	Rekayasa Pemeliharaan Jlan dan Jembatan	3	S2	Unram	2021
4	Sistem Rekayasa dan Pengambilan Keputusan	3	S2	Unram	2020-2021
5	Audit Infrastruktur	3	S2	Unram	2016-2020
6	Mekanika Teknik II dan III (S1)	5	S1	Unram	1998-2021
7	Struktur Kayu (S1)	2	S1	Unram	2000-2021

E. Pengalaman Penelitian

No	Tahun	Judul Penelitian	Sumber Dana
1	2005	Uji sifat mekanis glue-laminated timber dari kayu jenis Jati (tectona grandis) dan Mahoni (swietania mahagoni). **Ketua Peneliti**	DPRM-DIKTI
2	2006	Perilaku Lentur Balok Kayu Laminasi (Glue-Laminated Timber Beam) dengan Perkuatan Fiber Glass Pada Serat Bawah. **Ketua Peneliti**	DPRM-DIKTI
3	2007	Perilaku lentur balok kayu laminasi dengan sambungan jari (finger joint). **Ketua Peneliti**	DPRM-DIKTI
4	2013	Perilaku mekanik pasak bambu dalam perekat pada sambungan balok kolom kayu. **Ketua Peneliti**	PNBP UNRAM
5	2016	Studi eksperimental dan numerikal efektifitas sambungan jari (finger joint) pada struktur balok kayu laminasi . **Ketua Peneliti**	DPRM-DIKTI
6	2018	Kapasitas sambungan kayu tampang dua dengan variasi sudut memakai alat sambung pasak bambu dilapisi perekat. **Ketua Peneliti**	PNBP UNRAM
7	2020	Unbonded Post-Tensioned Self-Centering Rocking Walls CLT Kayu Jabon Sebagai Sistem Penahan Gempa untuk Bangunan Tingkat Rendah di Indonesia. **Ketua Peneliti**	Rsistek Dikti
8	2021	Studi Studi Eksperimental dan Numerikal Perilaku Lentur Cross Laminated Timber (CLT) dengan Pengencang Mekanis (Pasak) Dilapisi Perekat. **Ketua Peneliti**	PNBP UNRAM

F. Pengalaman Pengabdian Kepada Masyarakat

No	Tahun	Judul Pengabdian Kepada Masyarakat	Sumber Dana
1	2015	Pengenalan Teknologi Laminasi Pada Bambu Untuk Masyarakat Penghasil Bambu di Desa Giri Sasak Kecamatan Kuripan, Kabupaten Lombok Barat	PNBP Unram

2	2016	Alih Teknologi Pembuatan Kayu dan Bambu Laminasi di Desa Golong, Kecamatan Narmada, Kabupaten Lombok Barat	PNBP Unram
3	2019	Sosialisasi dan Pelatihan Pembuatan Bangunan Rumah Tahan Gempa Di Desa Pemenang Timur Kabupaten Lombok Utara	PNBP Unram
4	2020	Sosialisasi dan Workshop Perencanaan Rumah Tembokan Tahan Gempa Desa Sokong Kecamatan Tanjung Kabupaten Lombok Utara	PNBP Unram
5	2021	Pelatihan Desain Bangunan Rumah dan Sekolah Tahan Gempa Dengan Inovasi Balutan Lapisan Ferosemen pada Tembok Di Desa Gondang Kecamatan Gangga Kabupaten Lombok Utara	PNBP Unram

G. Publikasi Artikel Ilmiah Dalam Jurnal/Prosiding

No.	Judul Artikel Ilmiah	Nama Jurnal	Volume/Nomor/ Tahun
1	Mechanical and moisture-dependent swelling properties of compressed Japanese cedar	Construction and Buiding Materials	Vol .25 April 2011, pp.1718-1725
2	Experimental study on structural behaviour of Glulam beamspPre-stressed by compressed wood	Wood Research Journal	Vol.2 No.1 April 2012, pp.54-61
3	Structural behaviour of glued laminated timber beams pre-stressed by compressed wood.	Construction and Buiding Materials	Vol .29 April 2012, pp.24-32
4	Numerical Modelling of the Initial Stress and upward deflection of Glulam Beams Pre-stressed by Compressed Wood	Applied Mechanics and Materials (AMM)	Vol 493(2014), pp 408-415
5	Analytical approach to predict pre–camber deflection of the Pre-Stressed Glulam Beams	Civil Engineering Dimension	Vol. 17(1), March 2015, pp.44-49
6	Studi Mutu Kayu Lokal Pulau Lombok Berbasis Standar Nasional Indonesia (SNI 2002)	Prosiding Semnas Mapeki 2015	ISSN: 2407-2036
7	Perilaku Mekanik Pasak Bambu dalam Perekat pada Sambungan Balok Kolom Kayu	Prosiding Semnas Mapeki 2016	ISSN: 2407-2036
8	Modelling of glulam beams pre-stressed by compressed wood	Composite Structures	Vol.165(2017), pp.160-170
9	FE Modelling of optimization on strengthening glulam timber beams by using compressed wood blocks	Procedia Engineering	Vo.171(2017), pp.857-864
10	Experimental study on the strength of double shear timber connection using bamboo dowel fastener	AIP Conference Proceedings	Vol. 020022 (2017)

11	Effect of core and skin thicknesses of bamboo sandwich composite on bending strength	Internation Journal on Mechanical Engieering and Technology	Vol. 8(12) 2017
12	Experimental Investigation on Flexural Properties of Glulam Timber Beam Reinforced by Bamboo Strips	Internation Journal on Civil Engieering and Technology	Vol. 9 (5) 2018
13	Experimental study on the effectiveness of finger joint with variations in wood species toward bending strength of glulam beams	IOP Conference Series: Earth and Environmental Science	Vol.11. 2019

H. Pemakalah Seminar Ilmiah (*Oral Presentation*)

No	Nama Temu Ilmiah / Seminar	Judul Artikel Ilmiah	Waktu dan Tempat
1	Young Researcher Conference's, London, United Kingdom	Structural behaviour of glulam timber beams reinforced by compressed wood	Maret 2009, London, UK
2	The 11th World Conference on Timber Engineering(WCTE), Italy	Explore Novel Ways to Strengthen Glulam Beams by Using Compressed Japanese Cedar	Juni 2010, Verona, Italy
3	The 11th World Conference on Timber Engineering(WCTE), Italy	Finite element modeling of the pre-camber of glulam beams reinforced by compressed wood	Juni 2010, Verona, Italy
4	The 18th Kyoto University Southeast Asia Forum, Banda Aceh, NAD	Parametric study on structural glulam beam reinforced by compressed wood blocks	Maret 2015, Banda Aceh
5	The 19th Kyoto University Southeast Asia Forum, Ambon, Maluku	Effects of slope variation of finger joint on the flexural properties of glued laminated timber beam	April 2016, Ambon Maluku
6	The 1st International Conference on Science and Technology (ICST) Mataram, NTB	Experimental investigation on flexural properties of glulam timber beam reinforced by bamboo strips	Agustus 2017, Unram, Mataram
7	The 2017's HAKU Meeting, Malang, Jawa Timur	Experimental on the Strength of Double Shear Timber Connection Using Glued in Rods (Bamboo)	Maret 2017, Malang, Jatim
8	The 3rd INCONBUILD 2017 Palembang, South Sumatera	Experimental study on the strength of double shear timber connection using bamboo dowel fastener	Agustus 2017 Palembang, Sumsel
9	The 2nd ICST 2017 Unram, Mataram, NTB	Experimental study on flexural behaviour of glulam beam with finger joint by variations in wood species and finger joint slope	Agustus 2018, Unram, Mataram
10	the 7th International Conference on Sustainable Future for Human Security	Experimental study on the effectiveness of finger joint with variations in wood species toward bending strength of glulam beams	Oktober 2018, Unand, Padang, Sumbar
11	The 3rd ICST 2018 Unram, Mataram, NTB	Analysis of double shear timber connection with angle variation by using wood dowel fastener and adhesive	Desember 2018, Unram, Mataram

12	Webinar "Skenario Mitigasi Gempa dan Tsunami Megathrust di Masa Pandemi COVID19	Konsep dan Aplikasi Konstruksi Bangunan Tahan Gempa	16 Juli 2020, Unram, Mataram
13	The 2nd Internationl Conference on Disaster Management (ICDM), Padang, Indonesia (**invited speaker)**	An economic CLT house as a reasonable design for earthquake resistance house Post Lombok Earthquake Disaster 2018	September 2020, Unand, Padang, Sumbar
14	Sharing Session between Indonesia and Malaysia "Timber and Bamboo Construction", organized by UGM and UiTM Malaysia **(invited speaker)**	Aplikasi CLT untuk Konstruksi Kayu di Indonesia	November 2020, UGM, Jogyakarta, DIY
15	Seminar Online BARATAGA DPD ATAKI Jogyakarta **(keynote speaker)**	Potensi Konstruksi Kayu dan Bambu Modern untuk Menunjang Pembangunan Infrastruktur di Indonesia yang Ramah Lingkungan	Januari 2021, Jogyakarta, DIY
16	Seminar dalam rangka MUSDA DPD ATAKI NTB **(keynote speaker)**	Pengembangan Produk Rekayasa Kayu untuk Menunjang Pembangunan Infrastruktur yang Tahan Gempa dan Ramah Lingkungan	Maret 2021, Mataram, NTB
17	Symposium on 10th Years of 2011 East Japan Earthquake, organized by Kobe University. (**invited speaker)**	Post Recovery Disaster in Indonesia (Case study: Lombok Earthquake 2018)	Maret 2021, Kobe University, Kobe, Japan
18	Seminar Nasional MAPEKI ke-24 **(keynote speaker)**	Pengembangan Produk Kayu Rekayasa CLT untuk Struktur Bangunan yang Aman terhadap Gempa	1 September 2021, Unram, Mataram
19	The 13rd Aceh International Workshop and Expo Sustainable Tsunami Disaster Recovery 2021	Lesson Learned from Lombok Earthquake in 2018	26 Oktober 2021, USK Aceh, NAD
20	International Webinar on Structural Timber Engineering: Hybrid and Composite Performace	CLT Jabon Structure- An Economic Earthquake Resistance House	28 October 2021, UiTM Malaysia

I. Publikasi Buku

No	Judul Buku	Penerbit	Edisi, Tahun
1	Buku Pedoman Bangunan Sekolah Tahan Gempa	UPT Press Unram	1, 2019
2	Buku Pedoman Bangunan Sekolah Tahan Gempa	Einstein College	2, 2020

J. Hak Paten

No	Judul Paten	No Paten	Tahun
1			
2			

K. Pengalaman Profesional

No	Posisi (Jabatan)	Nama Perusahaan	Tahun
1			
2			