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 ASEAN.Eng.**

Power System Engineering

Bachelor's degree (Electrical Engineering) Udayana University 1994

Master's degree (Electrical Engineering –Power Electronics and Drives) Institut Teknologi Sepuluh November, Surabaya 2003

Professional Educational Study Program Udayana University 2018

Doctor's degree (Electrical Engineering – Power Electronics and Drives) Udayana university 2021

Employment Lecturer Undergraduate's program in Electrical Engineering, Engineering Faculty University of Mataram, Indonesia April, 1997

- Research and development projects over the last 5 years
1. Investigation of the PWM method of a multi-level inverter with a dual-inverter fed structure for variable speed regulation of five phase induction motors (DIELEKTRIKA-2016)
 2. Design of high efficiency inverter using cascaded H-bridge structure for solar power generation (DIELEKTRIKA-2016)
 3. Simple carrier based Space Vector PWM schemes of dual-inverter fed three-phase open-end winding motor drives with equal DC link voltage (ICGTEIS-2018)
 3. Performance Analysis of dual-inverter fed three-phase open-end winding motor variable speed drives with various PWM schemes (2019)
 4. Speed Control Strategy for Three Phase Induction Machine Fed Inverter Base on Carrier Based Pulse Width Modulation (CBPWM) (International Journal of Engineering and Emerging Technology - 2020)
 5. The performance analysis of dual-inverter three phase fed induction motor with open-end winding using various PWM schemes (Wireless Networks – 2021)
 6. Multiple Power Supply Inverter Modeling With Modified Pulse Width Modulation Technique With the Same DC Voltage (SAINTEK-2022)
 7. Rancang Bangun Sistem Pemantauan Daya Listrik Berbasis Android Menggunakan Teknologi React Native (DIELEKTRIKA - 2022)
 8. The Advanced Carrier Based Pulse Width Modulation Using Third Injection Harmonic Reference Signal On Neutral Point Clamped Inverter (MIMSE-2022)

Industry collaborations / Community Services over the last 5 years	<ol style="list-style-type: none"> 1. Member of Indonesian Engineers Association Section Mataram in Energy and Generation (Period 2020-2025) 2. Member Of Angkasa Pura Property Project In Project Improved Utilities' and Beatification Novotel(2018-2019) 3. Member of PT. Lingga Saka Gumi in Project Build Gedung Serbaguna (2018-2019) 4. Member of PT. Karya Dinamis Mesari in Project Build Gedung FISIP (2018-2019) 5. Member of PT. Indulexco (Jakarta) Desain And Development Air Port (Electrical, Electronic and Data) 2000 -2021 6. Member Of IMEV Indo Motor Electric Vehicle), 2022-today 																					
Patents and proprietary rights	<ol style="list-style-type: none"> 1. Teknik Modulasi Mixed Devider Switching (MDS) Inveter Bertingkat dengan Catu Daya Ganda (EC00202027645) 2020 2. Speed Contro Straegy For Three Phasa Induction Machine Fed Inverter Base On Carrier Base Pulse Width Modulation (CBPWM) (EC00202027947) 2020 3. Sistem Kendali (Teori Dan Aplikasi Pada Matlab dan Simulink) Bagian 1 (EC00202234169) 2022 																					
Important publications over the last 5 years	<ol style="list-style-type: none"> 1. Buku Teori dan Penyelesaian Kasus Operasional Amplifier dengan Matlab dan Simulink (Depublish -2022) 2. Pemrograman dan Struktur Data C (Informatika -2013) 3. Teori dan Teknik Penyelesaian Kasus Rangkaian Listrik dengan MATLABdan SIMULINK I (Deepublish -2022) 4. Teori dan Teknik Penyelesaian Kasus Rangkaian Listrik dengan MATLAB dan SIMULINK II (Deepublish -2022) 5. Teori dan implementasi pemrograman berorientasi objek menggunakan c++ (Andi Offset 2014) 6. Matlab untuk pemrosesan citra digital (Informatika – Bandung 2013) 7. C++ Untuk Programmer (Informatika- 2013) 8. Matlab untuk pemrosesan citra digital (Andi Ofset-2014) 																					
Activities in specialist bodies over the last 5 years	<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Organisation</th> <th style="text-align: left;">Role</th> <th style="text-align: left;">Period</th> </tr> </thead> <tbody> <tr> <td>1. Indonesian Amateur Radio Organization</td> <td>Y8BKW</td> <td>1994 – Today</td> </tr> <tr> <td>2. Indonesian Inter Inhabitant Radio Organization</td> <td>JZ15GDW</td> <td>2000 – Today</td> </tr> <tr> <td>3. Bali Global Hypnotherapy Indonesia</td> <td>CH,CHt.,CTM</td> <td>2018 – Today</td> </tr> <tr> <td>4. Register and Member in PII</td> <td>IPI</td> <td>2018 – Today</td> </tr> <tr> <td>5. Register in AFEO</td> <td>ASEAN.ENG</td> <td>2018 – Today</td> </tr> <tr> <td>6. Tenaga Ahli Mady Elektrikal</td> <td>ATAKI</td> <td>2020 - 2024</td> </tr> </tbody> </table>	Organisation	Role	Period	1. Indonesian Amateur Radio Organization	Y8BKW	1994 – Today	2. Indonesian Inter Inhabitant Radio Organization	JZ15GDW	2000 – Today	3. Bali Global Hypnotherapy Indonesia	CH,CHt.,CTM	2018 – Today	4. Register and Member in PII	IPI	2018 – Today	5. Register in AFEO	ASEAN.ENG	2018 – Today	6. Tenaga Ahli Mady Elektrikal	ATAKI	2020 - 2024
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