



I Made Budi Suksmadana, S.T., M.T

Robotics, Artificial Intelligence, Digital Signal Processing

Bachelor's degree (Electrical Engineering) Universitas Udayana, Denpasar, Bali 1997

Master's degree (Electrical Engineering) Universitas Gadjah Mada, Yogyakarta 2001

Employment

Lecturer Undergraduate's program in Electrical Engineering, Engineering Faculty University of Mataram, Indonesia March, 1999

Research and development projects over the last 5 years

1. LoRa SV611-Based Communication System To Monitor Behaviour of Rocket Using Inertial Measurement Unit Sensor (June 2022)
2. Pengklasteran Kejadian Gempa Wilayah Indonesia Menggunakan Algoritma k-Means (Feb. 2022)
3. Multiclass Classification Of Sound Healing With K-Nearest Neighbor Algorithm (August. 2021)
4. Analisis suara pernapasan paru-paru asma dengan tidak asma menggunakan metode k nearest neighbors (feb. 2021)
5. Design and Control a High Gain Synchronous Buck Converter for a Solid State Distribution Transformer (July 2020)

Industry collaborations / Community Services over the last 5 years

1. Pengenalan Aplikasi Edukasi Pemrograman Komputer Scratch Kepada Siswa Kelas IV Sekolah Dasar Negeri Model Mataram (August 2021)
2. Pelatihan Rekayasa Lampu LED 220V menjadi Lampu LED 12V untuk Penerangan di Dusun Buani (April 2020)
3. Professional Academy Digital Talent Scholarship 2022 CCNA network engineering training (July 2022)
4. Robotics: Aerial Robotics, an online non-credit course authorized by University of Pennsylvania and offered through Coursera (July 2020)
5. Robotics: Mobility, an online non-credit course authorized by University of Pennsylvania and offered through Coursera

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1. Computer Program : Smart Application for SMS 2022 Filter (EC00202220544)

Important publications over the last 5 years

1. LoRa SV611-Based Communication System To Monitor Behaviour of Rocket Using Inertial Measurement Unit Sensor (June 2022)
2. Pengklasteran Kejadian Gempa Wilayah Indonesia Menggunakan Algoritma k-Means (Feb. 2022)

Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	PII	Member	Jan – Dec 2022