

CURRICULUM VITAE

IDENTITY:

Full Name : Rosmaliati
Sex : Female
Place/Date of Birth : Dompu, 17 July 1968
Nationality : Indonesian
Expertise : Power System Engineering
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EDUCATION:

Level	Department/University	Year
Master of Engineering	Department of Electrical Engineering, Sepuluh Nopember Institute of Technology, Surabaya, Indonesia.	2000
Undergraduate Program	Department of Electrical Engineering, University of Hasanuddin, Makassar Indonesia.	1994

EMPLOYMENT:

Year	Job description/position
1996 -now	Lecturer of Electrical Engineering Department
2009- 2013	Head of Electrical Engineering Department
2006-2009	Head of Power System Laboratory

RESEARCH EXPERIENCES:

No.	Research Topics	Year
1.	Online Monitoring of Temperature and Electric Parameters for Estimating Remaining Life of Distribution transformer	2019
2.	Analysis of temperature and vibration for monitoring and diagnosis of the health conditions of the distribution transformers by using computational intelligent.	2015-2020

	Prototype Design of Online Monitoring and Early Detection of Power Transformer Based on Computational Intelligence	2014-2017
3.	Load Pattern Management Supplied by Hybrid System of Photovoltaic-Biogas	2013
4.	Development of Genetic Algorithms for Optimizing the Selection of Conductor Profiles in Distribution System Planning	2006
5.	Distribution System Planning Using Expert System and Optimal Design Through Conductor Gradation	2000
6.	Calculation of Electrical System Reliability of Water Company (PDAM Ujung Pandang)	1994

Publications (Conferences)

No.	Topic	Year
1.	Rosmaliati; Novie Elok Setiawati ; Mauridhi Hery Purnomo ; Ardyono Priyadi, “ <i>Nguyen-Widrow Neural Network for Distribution Transformer Lifetime Prediction</i> ”, International Conference on Computer Engineering, Network and Intelligent Multimedia (CENIM)	2018
2.	Tauruski Syaifullah Anwar; Rosmaliati; Ahmad Firyal Adila; Vita Lystianingrum; Ardyono Privadi; Mauridhi Hery Purnomo, “ <i>Design and Implementation of a Piezoelectric Accelerometer Using Arduino Mega for Detection of Vibration on the 20 kV Transformer Tank</i> ”, International Seminar on Intelligent Technology and Its Applications (ISITIA)	2018
3.	Fawaati Tsabita; W. Nur Rohman; Rosmaliati; B.P. Vita Lystianingrum; Mauridhi Hery Purnomo, “ <i>Semi-Supervised Learning Optimization Based on Generative Models to Identify Type of Electric Load at Low Voltage</i> ”, International Seminar on Intelligent Technology and Its Applications (ISITIA)	2018
4.	Novie Elok Setiawati; Rosmaliati; Vita Lystianingrum; Ardyono Priyadi; Mauridhi Hery Purnomo, “ <i>Distribution Transformer Oil Age Prediction Using Neuro Wavelet</i> ”, 10th International Conference on Information Technology and Electrical Engineering (ICITEE)	2018
5.	Taufik; Rosmaliati, “ <i>Characterization of DC Arc Fault Currents in Low Voltage Residential Electricity</i> ”, 2nd International Conference on Applied Electromagnetic Technology (AEMT)	2018

6.	Teti Zubaidah; Bulkis Kanata; Paniran; Misbahuddin; Rosmaliati; Made Sutha Yadnya; Susilawati Riskia, “Earth Magnetic Fields Evolution over Nusa Tenggara Region from Declination and Inclination Changes on Lombok Geomagnetic Observatory”, 2nd International Conference on Applied Electromagnetic Technology (AEMT)	2018
7.	Taufik Taufik ; Rosmaliati; Mohammad Taufik, “Performance analysis of multiple input boost converter with inherent OR diode configuration”, International Seminar on Intelligent Technology and Its Applications (ISITIA)	2017
8.	Analysis of Lombok Electricity System Reliability by using Probability method, Seminar Nasional Teknik Ketenagalistrikan 2005 Teknik Elektro Fak.Teknik UNDIP, Semarang	2005
9.	Forecasting the demand of Electrical Energy in Lombok Island (2004-20013), SEMCI, Unram, Mataram	2005
10.	An Approach to Optimal Conductor Gradation Using Genetic Algoritma, IES, ITS, Surabaya	2000
11.	Optimization of Power system Distribution planning by using expert system and conductor gradation. STTE, ITB. Bandung	2000

COURSES/TRAINING

No.	Course	Year
1.	Course on Energy Planning (DTU-Danish Energy Agency, Denmark), 16 June-13 July 2019	2019
2.	International Publication (Quality) Enhancement Program, Calpoly California USA, 25 October 2017-25 January 2018	2017
3.	Training Program for Magnetic Observatory Practice, GeoForschungsZentrum Potsdam (GFZ) German (27 October-9 November 2014)	2014

4.	LEAP for Regional GHG Mitigation at Sub-national Scale, USAID LEAD Program, Medan Indonesia (25-28 March 2014)	2014
5.	Course on Energy management/Energy planning 2010, Tu/e Netherlands	2010
6.	International Workshop on Sustainability experiments in Asia. How to foster their transformative potential, Kolkata India 2009	2009

OTHER PROFESSIONAL EXPERIENCES:

2005-	Member of Regional Energy Forum of West Nusa Tenggara Province
2006-2013	Member of Association of Indonesian Construction Experts (ATAKI) of West Nusa Tenggara, Electrical Division
2010	Member of KONSUIL (National Committee for the Safety of Electrical Installations) West Nusa Tenggara Province
2006-2009	Leader of CAREPI (Poverty Alleviation through Regional Energy Planning) Project of West Nusa Tenggara Province, Indonesia-Dutch Government Cooperation.
2009-	Member of Regional Energy Team of West Nusa Tenggara Province,
2009-2012	Leader of CASINDO (Capacity development and Strengthening for energy policy formulation and Implementation of Sustainable energy in Indonesia) project of West Nusa Tenggara Province, Indonesia-Dutch Government Cooperation.