



# UNIVERSITAS GADJAH MADA

Faculty of Mathematics and Natural Sciences

Mathematics Department

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## STAFF HANDBOOK

Name	Prof. Dr.rer.nat. Dedi Rosadi, S.Si., M.Sc.		
Post	Statistical Computing, Time Series modeling, Statistical Finance, BioStatistics, Data Science and Machine Learning		
Academic Career		Institution	Year
	Initial Academic Appointment	Universitas Gadjah Mada	1996
	Post Doctoral	Visiting Researcher in University of Sydney, Australia	2011
	Doctoral Degree	Vienna University of Technology, Vienna, Austria	2004
	Master Degree	Technische Universiteit Twente, The Netherlands	1999
	Undergraduate Degree	Universitas Gadjah Mada	1996
Employment		Employer	Period
	Instructor /Asisten Ahli	Universitas Gadjah Mada	1996-2004
	Assistant Professor/Lector	Universitas Gadjah Mada	2004-2007
	Associate Professor / Lektor Kepala	Universitas Gadjah Mada	2007-2013
	Full Professor	Universitas Gadjah Mada	2013 - now
Research and development projects over the last 5 years	<ol style="list-style-type: none"> <li>Rosadi, D. and Sulityaningsih, E., 2023, Postdoctoral Project funded by UGM, Amount of Project: Rp. 75.000.000,00</li> <li>Rosadi, D., Abdurakhman, Agus Sihabuddin, DI I Asih I Maruddani, 2022, Matching Fund Project: Pengembangan model dan Revalidasi metodologi Valuasi Harga Pasar Wajar (HPW) Obligasi Indonesia, Amount of Project: Rp. 396.000.000,00)</li> <li>Rosadi, D. and Andriyani, W., 2020-2022, Penelitian Dasar DIKTI, Amount of Project: Rp. 310.000.000,00</li> </ol>		
Industry collaborations over the last 5 years	<ol style="list-style-type: none"> <li>Project title : Matching Fund Project: Pengembangan model dan Revalidasi metodologi Valuasi Harga Pasar Wajar (HPW) Obligasi Indonesia, (2022)</li> </ol>		

	Partners: PT IBPA		
	2. Project title : Astra Digital Decision System Phase 1 and 2 (2020-2021) Partners: PT Astra Digital		
Patents and proprietary rights	Title		Year
Important publications over the last 5 years	Selected recent publications form a total of approx.: 250 papers		
	F Zuhairoh, D Rosadi, AR Effendie, 2024, Multi-state SVIRD Model with Continuous-time Markov Chain Assumption on the Spread of Infectious Diseases, Austrian Journal of Statistics 53 (1), 70-94		
	RAA Viadinugroho, D Rosadi, 2023, A Weighted Metric Scalarization Approach for Multiobjective BOHB Hyperparameter Optimization in LSTM Model for Sentiment Analysis, Information Sciences, 119282		
	D Rosadi, W Andriyani, A Deasy, 2022, Prediction of forest fire using hybrid fuzzy-clustering - bagging method, AIP Conference Proceedings, the 8th International International Conference		
	D Nurtiyasari, D Rosadi, Abdurakhman, 2022, Lung cancer classification using wavelet recurrent neural network, Detection Systems in Lung Cancer and Imaging, Volume 1, 1-1-1-31		
	Zheng Fang, David L. Dowe, Shelton Peiris, D. Rosadi, 2022, Minimum Message Length in Hybrid ARMA and LSTM Model Forecasting , Entropy , 23 (12), 10.3390/e23121601		
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	Dst.		
Activities in specialist bodies over the last 5 years <i>(Membership without a specific role need not be mentioned)</i>	Organization	Role	Period
	Forstat (Forum Pengelola Prodi Statistika, Indonesia)	Member of Supervisory Board	2022 - now
	Ikatan Statistika Indonesia (ISI)	Member of Supervisory Board	2022-now