

Name	Miswanto			
Post	System Modelling (Lecturer)			
Academic career	Lecturer	Universitas Airlangga	1992	
	Doctor (Mathematics)	Institut Teknologi Bandung	2010	
	Master (Mathematics)	Universitas Gadjah Mada	2002	
	Undergraduate degree (Mathematics)	Universitas Airlangga	1992	
Employment	Lecturer	Universitas Airlangga	1992-present	
Research and development projects over the last 5 years	Name of project or research focus	Period and any other information	Partners, if applicable	Amount of financing
Industry collaborations over the last 5 years	-			
Patents and proprietary rights	-			
Important publications over the last 5 years	<p>Selected recent publications from a total of approx. (give total number):</p> <ol style="list-style-type: none"> <li>1. Eka Mala Sari Rochman, Miswanto, Herry Suprajitno, Aeri Rachmad, Mula'ab, Iwan Santosa, Utilizing LSTM and K-NN for Anatomical Localization of Tuberculosis: A Solution for Incomplete Data, <i>Mathematical Modelling of Engineering Problems</i>, 2023, Vol. 10, No. 4, pp. 1114-1124.</li> <li>2. Eka Mala Sari Rochman, Miswanto, Herry Suprajitno, Istifadatul KAMILAH, Aeri Rachmad, Iwan Santosa, Tuberculosis classification using random forest with K-prototype as a method to overcome missing value, <i>Commun. Math. Biol. Neurosci.</i> 2023, 2023:81.</li> <li>3. Maratus Sholikhah, Cicik Alfiniyah, Miswanto, Stability analysis and optimal control of mathematical model for the spread of hepatitis E, <i>Commun. Math. Biol. Neurosci.</i> 2020, 2020:37.</li> <li>4. Eka Mala Sari Rochman, Miswanto, Herry Suprajitno, Aeri Rachmad, Ratih Nindyasari, Fika Hastarita Rachman, Comparison of LSTM and GRU in Predicting the Number of Diabetic Patients, <i>IEEE 8th Information Technology International Seminar (ITIS)</i>, Surabaya, Indonesia, October 19 – 21, 2022</li> </ol>			
Activities in specialist bodies over the last 5 years	Organisation	Role	Period	