

STAFF HANDBOOK

Name	Achmad Fauzan		
Position	Geo-Statistics		
Academic career		Institution	Year
	Initial Academic Appointment	Universitas Islam Indonesia	2017
	Master Degree	Institut Teknologi Bandung	2016
	Undergraduated Degree	Universitas Negeri Semarang	2013
Employment	Position	Employer	Period
	Lecturer	Universitas Islam Indonesia	2017-2019
	Assistant Professor	Universitas Islam Indonesia	2019-now
Research and development projects over the last 5 years	1. Analisis dan Evaluasi Faktor Pengambilan Keputusan Calon Mahasiswa Memilih Program Studi Statistika (Studi Kasus Pada Mahasiswa Program Studi Statistika UII Tahun Penerimaan 2015 – 2017) (Achmad Fauzan, Asmadhini Handayani Rahmah), Penelitian Pemula DPPM UII, Rp 7.000.000,- 2. Evaluasi Faktor yang Mempengaruhi Mahasiswa untuk Memilih Program Studi di Fakultas MIPA beserta Tingkat Kepuasannya (Achmad Fauzan, Muhammad Hasan Sidiq Kurniawan, Jaka Nugraha), Penelitian Institusi DPPM UII, Tahun 2018, Rp. 15.000.000,00. 3. Studi Woodworth's Psychoneurotic Inventory (WPI) dan Eysenck's Personality Inventory (EPI) dalam Pendeteksian Mahasiswa yang Berpotensi Menggunakan Narkoba (Achmad Fauzan, Soewadi, Muhammad Hasan Sidiq Kurniawan), Penelitian Pemula DPPM UII, Rp. 15.000.000,00 4. Sinergi Metode Student Team Achievement Division (STAD) dan Tutorial pada Mata Kuliah Kalkulus I (Rohmatul Fajriyah and Achmad Fauzan), Penelitian DPA, 22,566,000,00. 5. Implementasi Pemrograman R dan Kahoot dalam Peningkatan Keaktifan dan Pemahaman Mahasiswa (Studi Kasus dalam Perkuliahan Kalkulus 1 di Teknik Lingkungan) (Achmad Fauzan, Elita Nurfitriyani Sulisty), Penelitian DPA, Rp 18.650.000,00		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	1. Achmad Fauzan, GW Sasmito, SK Dini, <i>Application of Clustering Algorithm and Spatial Analysis for Industrial Optimization</i>, The 2nd International Seminar on Science and Technology (ISSTEC 2019), 165-171, 2020. 2. Achmad Fauzan, MC Safira, EN Sulisty, <i>Inisiasi Kahoot! sebagai variasi pembelajaran kalkulus bagi mahasiswa teknik lingkungan</i>, Jurnal Riset Pendidikan Matematika 7 (1), 2020. 3. Muhammad Hasan Sidiq Kurniawan, Achmad Fauzan, Jaka Nugraha, <i>Analysis of Factors Influencing the Decision to Choose the Department in The Natural Science Campus</i>. Eksakta: Journal of Science and Data Analysis, Volume 1, Issue 1, 81-84, 2020. 4. Sekti Kartika Dini, A Fauzan, <i>Clustering Provinces in Indonesia based on Community Welfare Indicators</i>, EKSAKTA: Journal of Sciences and Data Analysis 20 (1), 56-63, 2020. 5. Ika Meiza Maharani, A Fauzan, <i>Perbandingan Metode Peramalan Jumlah Produksi Palm Kernel Oil (PKO) Menggunakan Metode Double Moving</i>		

	<i>Average, Double Exponential Smothing dan Box Jenkins</i>, Jurnal Matematika, Statistika dan Komputasi 16 (2), 162-173, 2020. 6. Mega Luna Suliztia, A Fauzan, <i>Comparing Naive Bayes, K-Nearest Neighbor, And Neural Network Classification Methods Of Seat Load Factor In Lombok Outbound Flights</i>, Jurnal Matematika, Statistika dan Komputasi 16 (2), 187-198, 2020. 7. Achmad Fauzan, Aji Bani Ismaun, Muhammad Hasan Sidiq Kurniawan, Jaka Nugraha, <i>Clustering and Diversifying Student Spreads Based on Environmental Effects Assisted by WebGIS Visualization</i>, The 2nd ICoSMEE Conference Proceedings, 16-26. 8. Achmad Fauzan, Muhammad Hasan Sidiq Kurniawan, Jaka Nugraha, <i>Study of Student Satisfaction Level in the Faculty Based on Performance Assessment and Interest Level</i>, Eksakta: Jurnal Ilmu-Ilmu MIPA Vol. 19 no. 1, 83-97, 2019. 9. Nyi Putri Qolbiatunas, A Fauzan, L Astuti, <i>K-Means Clustering of Coconut Productivity in Sleman Regency in 2016</i>, Annual Basic Science International Conference 8, 416-425, 2018. 10. Achmad Fauzan, SC Rahmah, Asmadhini Handayani, Pradana, <i>Model Regresi Logistik Ordinal untuk Menentukan Faktor Pengambilan Keputusan Calon Mahasiswa Memilih Program Studi Statistika</i>, STATISTIKA: Journal of Theoretical Statistics and Its Application 18 (1), 85-96.		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Ikatan Statistisi Indonesia	Member	2019-now
	Indonesian of Mathematical Society (IndoMS)	Member	2019-now