



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET DAN TEKNOLOGI
UNIVERSITAS NEGERI JAKARTA
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM
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Position	Lecturer in Mathematics Education
Academic Career	<ul style="list-style-type: none">• Master's Degree, Statistics, Institut Pertanian Bogor, 2014-2017• Bachelor's Degree, Statistics, Universitas Padjadjaran, 2009-2013
Employment	Lecturer, Undergraduate Program in Mathematics Education–Faculty of Mathematics and Natural Sciences, Universitas Negeri Jakarta, 2019-now



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Research and Development project over the last5 years	<ul style="list-style-type: none"> • Performance Comparison Study of Support Vector Machine Based Methods in Handling Unbalanced Class Classification, 2022 • Rainbow Connection Numbers in Special Graphs and Their Analysis, 2022 • Study of Bagging Application in the Safe-Level Smote Method in Handling Unbalanced Classification, 2020 • Comparative Analysis Study of Ensemble Methods for Handling Imbalanced Multi-class Classification, 2021 • A Study of Generalized Poisson Distribution as an Alternative Solution to Overcoming Underdispersion and Overdispersion in Counted Data, 2021 • A Study of Safe-Level SMOTE Method in Unbalanced Data Classification , 2020 • Spatial Autoregressive Poisson Model to Detect Factors Influencing the Number of Poor Population in DKI Jakarta Province, 2020
Industry Collaboration/ Community Service Over The Last 5 Years	<ul style="list-style-type: none"> • Training on Sampling Techniques and Simple Research Design in the Context of Increasing the Competence of Counseling Guidance Teachers at Junior and High School Levels (Collaboration with Education Office of Depok City, 2019) • Development of Geometry Learning Media with the Desmos Application for High School Mathematics Teachers (Collaboration with MGMP Matematika in Bogor District, 2020) • Data Analysis and Visualization Using the Tableau Application for High School / Equivalent Mathematics Teachers (Collaboration with MGMP Matematika in Bogor District, 2020) • Training on Multivariate Data Analysis Techniques for Academics at LLDIKTI Region III (Collaboration with LLDIKTI Wilayah III DKI Jakarta, 2021) • Application of Statistical Analysis in Classroom Action Research for Mathematics Teachers at Madrasah Aliyah in DKI Jakarta (Collaboration with MGMP Madrasah Aliyah Matematika Provinsi DKI Jakarta, 2022)
Patents and Proprietary Rights	<ul style="list-style-type: none"> • EC00202232225, Daily Pythagoras, 2022



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**Important
Publication Over
The Last 5 Years**

- Analisis Perbandingan Performa Metode Ensemble dalam Menangani *Imbalanced Multi-class Classification* (*Performance Comparison Study of Support Vector Machine Based Methods in Handling Unbalanced Class Classification*), *Jurnal Aplikasi Statistika dan Komputasi Statistik*, 2022
(<https://doi.org/10.34123/jurnalasks.v14i2.335>)
- Modeling poverty rates with generalized Poisson regression, *AIP Conference Proceedings*, 2022
(<https://doi.org/10.1063/5.0108099>)
- Study of Bagging Application in the Safe-Level SMOTE Method in Handling Unbalanced Classification, *Indonesian Journal of Statistics and Its Applications*, 2021
(<https://doi.org/10.29244/ijisa.v5i1p105-116>)
- Analysis of Factors Using the Number of Analysis of Factors Causing the Number of Poor People in DKI Jakarta Using Spatial Autoregressive Poisson Model, *AIP Conference Proceeding*, 2021
(<https://doi.org/10.1063/5.0041857>)
- The Development of Euclid Geometry's Teaching Materials Based on KKNi to Improve Students Cognition Analysis and Deductive Reasoning Abilities, *Journal of Medives: Journal of Mathematics Education IKIP Veteran Semarang*, 2021
(<https://e-journal.ivet.ac.id/index.php/matematika/article/view/1439>)
- Efektifitas *Blended Learning* Berbasis LMS dalam Pembelajaran Matematika (*The Effectiveness of LMS-Based Blended Learning in Mathematics Learning*), *Jurnal Riset Pembelajaran Matematika*, 2021
(<https://doi.org/10.21009/jrpms.051.10>)

**Activities in
Specialist Bodies
Over The Last 5
Years**

Organization	Role	Period
Indonesian Mathematical Association (Himpunan Matematika Indonesia - IndoMS)	Member	2020-now