

# Staff Handbook

Please fill out and submit one table per person.

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| Name                                                    | Fithri Annisatun Lathifah                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                               |          |
| Post                                                    | Discrete Mathematics and Combinatorics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |          |
| Academic career                                         | Graduate degree (Mathematics)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Institut Teknologi Bandung    | 2019     |
|                                                         | Undergraduate degree (Mathematics)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Universitas Sebelas Maret     | 2015     |
| Employment                                              | Lecturer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Universitas Negeri Yogyakarta | 2023-now |
| Research and development projects over the last 5 years | <ol style="list-style-type: none"> <li>1. <b>Komparasi Model Diskret dan Model Kontinyu pada Penyebaran Penyakit Demam Berdarah di DIY melibatkan nyamuk Wolbachia</b> (Mathematical Analysis Of Two-Patch SIRS-SIW Model For The Dynamical 2 Transmission Of Dengue Fever Involving Wolbachia in Yogyakarta)<br/><b>Period:</b> 2024<br/><b>Partners:</b> Fitriana Yuli Saptaningtyas, Fugo Takasu, Hartono, Kus Prihantoso Krisnawan<br/><b>Amount of financing:</b> Rp24.000.000</li> <li>2. <b>Model Predator Prey interaksi Nyamuk Aedes aegypti dan nyamuk Wolbachia pada penyebaran penyakit DBD</b> (Predator-Prey Model of the Interaction between Aedes aegypti Mosquitoes and Wolbachia Mosquitoes in the Spread of Dengue Fever)<br/><b>Period:</b> 2025<br/><b>Partners:</b> Fitriana Yuli Saptaningtyas, Hartono, Ikha Puspita Parwitasari<br/><b>Amount of financing:</b> Rp24.000.000</li> </ol>   |                               |          |
| Industry collaborations over the last 5 years           | <ol style="list-style-type: none"> <li>1. Pelatihan Manajemen Basisdata Kesehatan Berbantuan Microsoft Excel Di Kabupaten Gunung Kidul<br/><b>Period:</b> 2024<br/><b>Industry collaboration:</b> Dinas Kesehatan Kabupaten Gunung Kidul</li> <li>2. Pelatihan Pembuatan Dashboard Visualisasi Data Kesehatan Berbasis MS Excel di Kabupaten Gunung Kidul<br/><b>Period:</b> 2024<br/><b>Industry collaboration:</b> Dinas Kesehatan Kabupaten Gunung Kidul</li> <li>3. Workshop Penyusunan Modul Ajar Matematika SMP Berbasis Higher-Order Thinking Skills (HOTS)<br/><b>Period:</b> 2025<br/><b>Industry collaboration:</b> SMP N 4 Pakem</li> <li>4. Pelatihan Eksploratif Geogebra untuk meningkatkan pemahaman matematika perguruan tinggi : Analisis dan Matematika Terapan<br/><b>Period:</b> 2025<br/><b>Industry collaboration:</b> Program Studi Matematika FST UIN Sunan Kalijaga Yogyakarta</li> </ol> |                               |          |

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| Patents and proprietary rights                        | - |
| Important publications over the last 5 years          |   |
| Activities in specialist bodies over the last 5 years | - |