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| Name | Cicik Alfiniyah | | | |
| Post | System Modelling – Mathematical Biology (Senior Lecturer) | | | |
| Academic career | Lecturer | Universitas Airlangga | 2008 | |
| | Doctor (Mathematics) | University of York, UK | 2013 | |
| | Master (Mathematics) | Institut Teknologi Bandung | 2008 | |
| | Undergraduate degree (Mathematics) | Universitas Airlangga | 2004 | |
| Employment | Lecturer | Universitas Airlangga | 2008-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 |
| | Optimal Control Model of Tuberculosis Spread by Considering the Drug Resistant Population | 2023 | Nashrul Millah, Ahmadin | 41 million |
| | Stability Analysis and optimal control mathematical model of the spread of TB in smokers with detection. | 2023 | Muhamad Hifdhudin, Siti Maisharah | 70 million |
| Industry collaborations over the last 5 years | - | | | |
| Patents and proprietary rights | - | | | |
| Important publications over the last 5 years | Selected recent publications from a total of approx. (give total number): 4<br>1. C. Alfiniyah, Modeling Downsteam Impact of a Quorum Sensisng System of Pseudomonas aeruginosa in Colony Spreading, *Partial Diff Eq and Apl Math*, 2023, vol. 8, 100581.<br>2. A. Ahmad, C. Alfiniyah, A. Akgul, A. Raezah, Analysis of Covid-19 Outbreak in Democratic Republic of Congo using Fractional Operators, *AIMS Mathematics*, 2023, vol. 8(11), 25654-25687.<br>3. M. Farman, C. Alfiniyah, A. Shehzad, Modelling and Analysis Tuberculosis (TB) Model with Hybrid Fractional, *Alexandria. Eng. Journal*, 2023, vol. 72, 463-478.<br>4. C. Alfiniyah, A.K. Nisa, Windarto, N. Millah, Mathematical Modelling of Tumor-Immune System by Considering the Regulatory T-Cells Role, *Commun. Math. Biol. Neurosci*, 2022, art. no. 79. | | | |
| Activities in specialist bodies over the last 5 years | Organisation | Role | Period | |
| | IndoMS (Indonesian Mathematical Society) | Division Staff | 2019-present | |