| Name                            | Nashrul Millah  |                          |                       |                |
|---------------------------------|---|--------------------------|-----------------------|----------------|
| Post                            | System Modelling (Lecturer)   |                          |                       |                |
| Academic                        | Lecturer  | Universitas Airlangga    |                       | 2021           |
| career                          | Master (Mathematics)  | Institut Teknol          | logi                  | 2017           |
|                                 | Bandung   |                          |                       |                |
|                                 | Undergraduate degree  | Institut Teknologi       |                       | 2012           |
|                                 | (Mathematics)   | Sepuluh November         |                       |                |
| Employment                      | Lecturer  | Universitas Airlangga    |                       | 2021-present   |
|                                 | Lecturer  | Institut Teknologi Kali- |                       | 2017-2021      |
|                                 | mantan  |                          |                       |                |
| Research and develop-           | Name of   | Period and any           | Partners,             | Amount of      |
| ment projects over the          | project or  | other infor-             | if applicable         | e financing    |
| last 5 years                    | research focus  | mation                   |                       |                |
|                                 | Optimal Control Model   | 2023                     | Cicik Alfini-         | 41 million     |
|                                 | of Tuberculosis Spread  |                          | yah, Ah-              |                |
|                                 | by Considering the Drug   |                          | madin                 |                |
|                                 | Resistant Population  |                          |                       |                |
|                                 | Analysis of a   | 2022                     | Cicik Alfini-         | 40 million     |
|                                 | Mathematical Model of   |                          | yah, Win-             |                |
|                                 | Tumor-Immune System   |                          | darto                 |                |
|                                 | Dynamics by   |                          |                       |                |
|                                 | Considering the   |                          |                       |                |
|                                 | Regulatory T Cells Role   |                          |                       |                |
| Industry collaborations         | -   |                          | •                     |                |
| over the last 5 years           |   |                          |                       |                |
| Patents and proprietary         | -   |                          |                       |                |
| rights                          |   |                          |                       |                |
| Important publications          | Selected recent publications from a total of approx.                    |                          |                       |                |
| over the last 5 years           | (give total number): 4  |                          |                       |                |
|                                 | 1. 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.                  |                          |                       |                |
|                                 | 2. K. Nugraheni , N. Millah, A.R. Soemarsono, Dynamics of               |                          |                       |                |
|                                 | mathematical model i  | nteraction of livin      | g population          | s in making    |
|                                 | biogas as an alternativ   | ve of renewable e        | nergy <i>, Journa</i> | Il of Physics: |
|                                 | Conference Series, 2021, vol. 1918, 042042.                             |                          |                       |                |
|                                 | 3. N. Millah, K. Nugraheni, and I. Anggriani, The simulation of         |                          |                       |                |
|                                 | weathering processes in three different types of oil, Journal of        |                          |                       |                |
|                                 | Physics: Conference Series, 2020, vol. 1538, 012057.                    |                          |                       |                |
|                                 | 4. I. Anggriani, L.P. Adnyani, N. Millah, The Effect of Wind Turbine on |                          |                       |                |
|                                 | Sea Flow, Journal of Physics: Conference Series, 2020, vol. 1490,       |                          |                       |                |
|                                 | 012035.   |                          |                       |                |
| Activities in specialist        | Organisation  | Role                     | Period                |                |
| bodies over the last 5<br>years | Mata Garuda   | Division Staff           | 2020-202              | 2              |