

## Staff Handbook



***Dr. Lili Anifah, S.T., M.T.***

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|---|--|---|-------------|
| <b>POSITION</b>   | <b>Lecturer of Electrical Engineering, Faculty of Engineering, UNESA</b>   |   |             |
|   | Doctor in Electrical Engineering   |   |             |
|   | <b>Title</b>   | <b>University</b>                       | <b>Year</b> |
|   | Dr   | Institut Teknologi 10 Nopember Surabaya | 2013        |
| <b>ACADEMIC CAREER</b>  |  |   |             |
|   | Bachelor of Physical Engineering   | Institut Teknologi 10 Nopember Surabaya | 2003        |
|   | Master of Electrical Engineering   | Institut Teknologi 10 Nopember Surabaya | 2008        |
|   | Doctor of Electrical Engineering   | Institut Teknologi 10 Nopember Surabaya | 2013        |
| <b>EMPLOYMENT</b>   | <b>Position</b>  | <b>Place</b>                            | <b>Year</b> |
|   | Lecturer of Physics  | Unesa                                   | 2003-2010   |
|   | Lecturer of Electrical Engineering   | Unesa                                   | 2010-now    |
|   |  |   |             |
|   |  |   |             |
| <b>RESEARCH AND DEVELOPMENT PROJECT OVER THE LAST 5 YEARS</b> | <ol style="list-style-type: none"> <li>SEVERITY DETERMINATION OF OSTEOARTHRITIS BERBASIS FIRST ORDER (FO), SECOND-ORDER, RUN LENGTH MATRICES MENGGUNAKAN LINEAR VECTOR QUANTIZATION (LVQ)<br/>Skema : Penelitian Kompetitif Nasional ( PPS-PPD )   Source : Simlitabmas</li> <li>PREDICTION OF CATTLE WEIGHT USING EXPERT SYSTEM<br/>Skema : Penelitian Kompetitif Nasional ( PPT/Produk Terapan)</li> </ol> |   |             |

### 3. Internet of Things (IoT) Based Smart Leather and Foam Pressing Machine

Skema : Pengabdian Kepada Masyarakat Kompetitif Nasional (PKM)

| PATENTS AND PROPRIETARY RIGHT | Title  | Year |
|-------------------------------|--|------|
|                               | 1.   |      |
|                               | 2.   |      |
|                               | 3.   |      |
|                               | 4.   |      |
|                               | 5.   |      |
|                               | <ol style="list-style-type: none"> <li>1. <a href="#">A novel hybrid of S2DPCA and SVM for knee osteoarthritis classification</a><br/>2016 IEEE International Conference on Computational Intelligence and Virtual Environments for Measur   vol:   issue :   2016-07-27   Conference Proceedin</li> <li>2. <a href="#">Cancer lungs detection on CT scan image using artificial neural network backpropagation based gray I</a><br/>2017 International Conference on Advanced Computer Science and Information Systems, ICAC SIS 2017   vol: 2018-January   issue :   2018-05-04   Conference Proceedin</li> <li>3. <a href="#">Osteoarthritis Severity Determination using Self Organizing Map Based Gabor Kernel</a><br/>IOP Conference Series: Materials Science and Engineering   vol: 306   issue : 1   2018-02-22   Conference Proceedin</li> <li>4. <a href="#">A New Approach to Classify Knee Osteoarthritis Severity from Radiographic Images based on CNN-LSTM M</a><br/>2019 IEEE 10th International Conference on Awareness Science and Technology, iCAST 2019 - Proceeding   vol:   issue :   2019-10-01   Conference Proceedin</li> <li>5. <a href="#">Method Comparison of 3D Facial Reconstruction Coresponding to 2D Image</a><br/>IOP Conference Series: Materials Science and Engineering   vol: 288   issue : 1   2018-01-25   Conference Proceedin</li> <li>6. <a href="#">Design of Intelligent Robot as A Tool for Teaching Media Based on Computer Interactive Learning and</a></li> </ol> |      |



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| ACTIVITIES IN SPECIALIST BODIES | Organization                                     | Position | Period   |
|---------------------------------|--|----------|----------|
|                                 | International Association of Engineering (IAENG) | member   | 2015-now |
|                                 | .....  | .....    | .....    |
|                                 | .....  | .....    | .....    |