

# Staff Handbook



**Dr. Tri Rijanto, M.Pd., M.T.**

<b>POSITION</b>			
<b>Lecturer of Electrical Engineering, Faculty of Engineering, Universitas Negeri Surabaya (UNESA)</b>			
Doctor in the Department of Electrical Engineering			
	Title	University	Year
	Doctor	Universitas Negeri Jakarta (UNJ)	2011
<b>ACADEMIC CAREER</b>			
	Bachelor of Power Engineering Education	Institut Keguruan dan Ilmu Pendidikan (IKIP) Surabaya	1987
	Master of Technology and Vocational Education	Institut Keguruan dan Ilmu Pendidikan (IKIP) Yogyakarta	1994
	Master of Electrical Engineering	Institut Teknologi Sepuluh Nopember	2001
	Doctor of Educational Research and Evaluation	Universitas Negeri Jakarta (UNJ)	2011
<b>EMPLOYMENT</b>			
	Position	Place	Year
	Lecturer	Departement of Electrical Engineering, Faculty of Engineering Universitas Negeri Surabaya	1988-Now
	Chair of Diploma Electrical Engineering Program	Departement of Electrical Engineering, Faculty of Engineering Universitas Negeri Surabaya	2003-2006
	Chair of Quality Assurance Unit	Departement of Electrical Engineering, Faculty of Engineering Universitas Negeri Surabaya	2012-2015
	Chair of Bachelor of Electrical Engineering Program	Departement of Electrical Engineering, Faculty of Engineering Universitas Negeri Surabaya	2016-2019

<b>RESEARCH AND DEVELOPMENT PROJECT OVER THE LAST 5 YEARS</b>	Chair of the Graduate Technology and Vocational Education Program	Graduate Program Universitas Negeri Surabaya	2019-now
	1. Rendemen Daya Pada Beban Resistif Menggunakan Metode <i>Switching Digital</i> (Penelitian Fundamental, Chair 2015)		
	2. Meningkatkan Hasil Belajar Mahasiswa Pada Mata Kuliah Rangkaian Listrik I Menggunakan Kuliah Daring (Penelitian Kebijakan Fakultas, Chair 2018).		
	3. <i>Trancer Study</i> Lulusan Program Studi S1 Teknik Elektro Jurusan Teknik Elektro Fakultas Teknik Unesa (Penelitian Kebijakan Fakultas, Chair, 2018)		
	4. Pengembangan Instrumen <i>Performance Assessment</i> Program SMA <i>Double Track</i> Kerjasama Unesa dan Provinsi Jawa Timur (Penelitian Kebijakan Pascasarjana, Chair, 2019)		
5. Pengembangan Alat Pelindung Diri (APD) Tenaga Medis Untuk Menanggulangi COVID-19 (Penelitian Kebijakan Pascasarjana, Chair, 2020)			
<b>PATENTS AND PROPRIETARY RIGHT</b>	<b>Title</b>	<b>Year</b>	
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<b>IMPORTANT PUBLICATIONS OVER THE LAST 5 YEARS</b>	1. Human Machine Interface Job Sheet Trainer (HMI) As Student Learning Material on the Subject of Electrical Motor Installation. <i>The 1<sup>st</sup> Voctional Education International Conference: Vocational Education to Build Innovation, Education, and Competencies</i> , Universitas Negeri Semarang, April 30, 2019. <b>Atlantis-Press</b> . Article detail: <a href="https://www.atlantis-press.com/proceedings/veic-19/125927425">https://www.atlantis-press.com/proceedings/veic-19/125927425</a>		
2. Motivation Measurement Model to Learn Basic Buliding Construction and Survey Engineering Using Confirmatory Factor Analysis. <i>Jurnal Pengukuran Psikologi dan Pendidikan Indonesia</i> . Fakultas Psikologi UIN Syarif Hidayatullah Jakarta bersama Himpunan Evaluasi Pendidikan Indonesia (HEPI) Vol 8, No. 1 (2019) <a href="http://journal.uinjkt.ac.id/index.php/jp3i/article/view/13079">http://journal.uinjkt.ac.id/index.php/jp3i/article/view/13079</a>			
3. Reliability of measurement among the assessment of industrial practice activities. <i>The 3<sup>rd</sup> International Conference on Innovation in Engineering and Vocational Education</i> , November 26, 2019 Universitas Pendidikan Indonesia, Bandung, Indonesia.			
4. <i>Implementation of the Technology Revolution 4.0: Monitoring and Measurement of Temperature Distribution Current at Transformers Using Internet of Things</i> . International Journal of New Technology and Research (IJNTR) ISSN: 2454-4116, Volume-5, Issue-11, November 2019 Pages 62-66) <a href="https://www.ijntr.org/download_data/IJNTR05110016.pdf">https://www.ijntr.org/download_data/IJNTR05110016.pdf</a>			
5. Restrukturissasi Kurikulum Program Studi D-III Teknik Listrik Fakultas Teknik Unesa Surabaya. <i>Journal of Vocational and Technical Education Vol 1, No. 2 (2019) ISSN 2656-5587</i> <a href="https://journal.unesa.ac.id/index.php/JVTE/article/view/5865">https://journal.unesa.ac.id/index.php/JVTE/article/view/5865</a>			
6. The Application of Problem-Based Learning Method for Hygiene Sanitation Learning Eyes. <i>International Journal for Education and Vocational Studies, Vol 2, No. 2 (2020)</i> <a href="https://ojs.unimal.ac.id/index.php/ijevs/article/view/2331/0">https://ojs.unimal.ac.id/index.php/ijevs/article/view/2331/0</a>			
7. Student Readiness Vocational High School toward Industrial Revolution 4.0. <i>International Journal for Education and Vocational Studies, Vol 2, No. 3 (2020)</i> <a href="https://ojs.unimal.ac.id/index.php/ijevs/article/view/2160">https://ojs.unimal.ac.id/index.php/ijevs/article/view/2160</a>			
8. The Effect of Business Center on Entrepreneurial Readiness for Vocational Students. <i>International Journal for Education and Vocational Studies, Vol 2, No. 3 (2020)</i> <a href="https://ojs.unimal.ac.id/index.php/ijevs/article/view/2157">https://ojs.unimal.ac.id/index.php/ijevs/article/view/2157</a>			

9. The Effect of Industrial Work Practices on Vocational Students Self-Efficacy. *International Journal for Education and Vocational Studies*, Vol 2, No. 3 (2020) <https://ojs.unimal.ac.id/index.php/ijevs/article/view/2430>
10. The Effect of Problem-Based Learning Model of Food Cutting Competency Toward the Student Learning Outcomes of Class X at SMK YPM 2 Taman. *International Journal for Education and Vocational Studies*, Vol 2, No. 3 (2020) <https://ojs.unimal.ac.id/index.php/ijevs/article/view/2437>
11. Application of It-Based Learning Media to Improve the Basic Skills of Sewing Technology. *International Journal for Education and Vocational Studies*, Vol 2, No. 3 (2020) <https://ojs.unimal.ac.id/index.php/ijevs/article/view/2439>
12. The Influence of Hybrid Learning Model on The Results of the Design of Fashion Study Design Study Viewed from Creative Levels Thinking Students. *International Journal for Education and Vocational Studies*, Vol 2, No. 3 (2020) <https://ojs.unimal.ac.id/index.php/ijevs/article/view/2440>
13. The Development of The Practicum Modul for The Installation of Electric Motors Subject With EKTS Software to Improve Critical Thinking Skills, *Journal of Talent Development and Excellence*, Vol. 12 No. 1 (2020): Issue 2020/1 <http://iratde.com/index.php/jtde/article/view/774>
14. Differences in Learning Outcomes Using Direct Learning Models Viewed from Spatial Ability: Study At Basic Survey Working Lesson in the Engineering Surveying. *International Journal for Education and Vocational Studies*, Vol 2, No. 4 (2020) <https://ojs.unimal.ac.id/index.php/ijevs/article/view/2531>
15. The Effect of Application of Restaurant Laboratory Management System on College Student Service Satisfaction At The Department of Home Economic Education Faculty of Engineering, Universitas Negeri Surabaya. *International Journal for Education and Vocational Studies*, Vol 2, No. 4 (2020) <https://ojs.unimal.ac.id/index.php/ijevs/article/view/2533>
16. Influence of Blended Learning Against Computational Thinking Students on Basic Programming Subject is Reviewed From Self-Efficacy Students. *International Journal for Education and Vocational Studies*, Vol 2, No. 5 (2020) <https://ojs.unimal.ac.id/index.php/ijevs/article/view/2502>
17. Analysis of Industrial Practice Activities in Vocational Schools in Facing Industrial Revolution 4.0. *International Journal for Education and Vocational Studies*, Vol 2, No. 5 (2020) <https://ojs.unimal.ac.id/index.php/ijevs/article/view/2472>
18. Influence of Problem-Based Learning Models on Class XI Students Outcomes in Subject of Light Vehicle Engine Maintenance at KAL-1 Vocational Schools Surabaya. *International Journal for Education and Vocational Studies*, Vol 2, No. 5 (2020) <https://ojs.unimal.ac.id/index.php/ijevs/issue/view/176>
19. Student Learning Independence in Online Learning Depends on Motivation *International Conference on Research and Academic Community Services (ICRACOS) 'Strengthening Innovation to Enhance Revenui for the Better Future' October, 3-4, 2020*
20. 2013 Curriculum: Assessment of Minimum Competencies in Freedom Learning and education 4.0 Context. *International Journal for Education and Vocational Studies*, Vol 2, No. 75 (2020) <https://ojs.unimal.ac.id/index.php/ijevs/article/view/2621>  
DOI: <https://doi.org/10.29103/ijevs.v2i7.2621>
21. The Effect of Project Based Learning (PjBL) and Direct Instruction (DI) Learning Models on Learning Outcomes of The Basic Building Construction and Survey Engineering from Student Learning Motivation. *The Third International Conference on Vocational Education and electrical Engineering (ICVEE), 2020.* <http://icvee.conference.unesa.ac.id>

<b>Organization</b>	<b>Position</b>	<b>Period</b>
HEPI (Himpunan Evaluasi Pendidikan Indonesia)	Member	2009-Now

<b>ACTIVITIES IN SPECIALIST BODIES</b>	APTEKINDO (Asosiasi Pendidikan Teknologi dan Kejuruan Indonesia)	Member	1995-Now
	FORTEI (Electrical Engineering Society in Indonesia)	Member	2017-Now