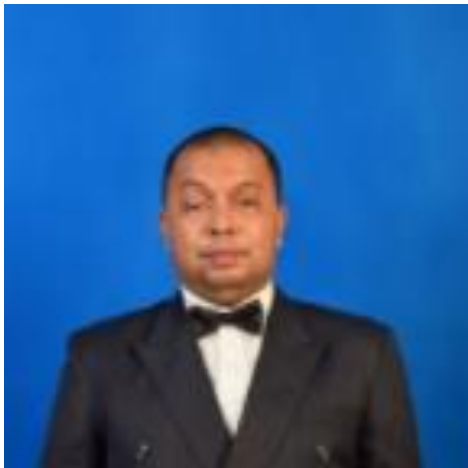


Staff Handbook



Muhammad Syarifuddin Zuhrie, S.T., M.T.

POSITION	Lecturer of Electrical Engineering, Faculty of Engineering, UNESA		
	Master in Control System Engineering		
	Title	University	Year
	Master	Institut Teknologi Sepuluh Nopember	2002
ACADEMIC CAREER	Bachelor in Electrical Engineering Education	Universitas Negeri Surabaya	2000
	Master in Control System Engineering	Institut Teknologi Sepuluh Nopember	2003
EMPLOYMENT	Position	Place	Year
	Lecturer of Electrical Engineering Department	Electrical Engineering Department, Faculty of Engineering, Universitas Negeri Surabaya- Indonesia	2006-now
	Head of Electrical Engineering Education Study Program	Electrical Engineering Department, Faculty of Engineering, Universitas Negeri Surabaya- Indonesia	2019- now
	Head of Laboratory	Electrical Engineering Department, Faculty of Engineering, Universitas Negeri Surabaya- Indonesia	2019- now

RESEARCH AND DEVELOPMENT PROJECT OVER THE LAST 5 YEARS	1. Pengembangan Modul Ajar Instrumentasi dan Kendali berbasis Computer Learning dan Computer Assisted Learning	
	2. Rancang Bangun Perangkat Pembelajaran Robotika Berbasis Computer Learning dan Computer Assisted Learning untuk Meningkatkan Ketrampilan Peserta Didik	
	3. Rancamg Bangun Mesin Printing Batik Sistem Kontinu Untuk Mengatasi Permasalahan UKM Batik	
	4. Pengembangan Perangkat Pembelajaran Robotika Berbasis Contextual Teaching and Learning untuk Meningkatkan Ketrampilan Peserta Didik	
	5. Rancamg Bangun Mesin Printing Batik Sistem Kontinu Untuk Mengatasi Permasalahan UKM Batik	
	6. Pengembangan Perangkat Pembelajaran Robotika Berbasis Contextual Teaching and Learning untuk Meningkatkan Ketrampilan Peserta Didik	
	7. Pengembangan Modul Ajar Teknik Pengaturan Menggunakan Perangkat Lunak Delphi Dengan Inquiry Based Learning Berorientasi Industri	
	8. Pengembangan Modul Ajar Teknik Pengaturan Menggunakan Perangkat Lunak Delphi Dengan Inquiry Based Learning Berorientasi Industri	
	9. Rancang Bangun Perangkat Pembelajaran Robotika Berbasis Pembelajaran Kontekstual untuk Meningkatkan Ketrampilan Peserta Didik	
PATENTS AND PROPRIETARY RIGHT	Title	Year
-	-	-
IMPORTANT PUBLICATIONS OVER THE LAST 5 YEARS	1. Lung Cancer Nodule Location Diagnoses Using Linear Vector Quantization Based on Morphology Process. Advanced Science Letters, ISSN: 1936-6612 (Print): EISSN: 1936-7317 (Online) Volume 23, Number 12 (December 2017) pp.12359-12361 (Adv. Sci. Lett. 23, 12359–12361 (2017)) DOI: https://doi.org/10.1166/asl.2017.10639	
	2. Item Analysis of a Critical Thinking Skill Test on PLC Programming for Prospective Teachers. Karya Ilmiah dimuat di Jurnal Pendidikan Teknologi dan Kejuruan Vol. 25 No. 02, Oktober 2019. Penerbit : Faculty of Engineering, Universitas Negeri Yogyakarta. ISSN : 0854-4735. Akreditasi Kemenristekdikti, Decree No : 51/E/KPT/2019 DOI: 10.21831/jptk.v25i2.25786 http://sinta.ristekbrin.go.id/journals/detail?id=1030	
	3. Smart Lemon autoMaker System (SLaM's) Berbasis Internet of Things (IoT). Karya Ilmiah dimuat di Indonesian Journal of Engineering and Technology (INAJET) Vol 2. No 1 tahun 2019. Penerbit: Universitas Negeri Surabaya. ISSN: 2623-2464 . Terindeks: Google Scholar	
	4. Pengembangan Modul Ajar Mata Kuliah Fisika II Menggunakan Model Pembelajaran Kooperatif. Jurnal Prosiding Konvensi Nasional APTEKINDO VII dan Temu Karya XVIII FPTK/FT-JPTK Se-Indonesia (Bagian V hal 805 sd. 1000) . Publication date 2015. Journal proceedingfptk. Volume 439	
	5. The Development of Instructional Media on Physics Subject To Increase The	

Class Effectiveness. Proceeding The 1st International Conference on Vocational Education and Electrical Engineering (ICVEE) 2015, ISSN: 2461-0909, Volume 1, November 2015, halaman 81-86.
<http://icvee.conference.unesa.ac.id/2018/02/26/icvee-2015/>

6. Engineering Development Control Module as A Result of Efforts to Improve Learning in Electrical Engineering Universitas Negeri Surabaya. Proceeding The 1st International Conference on Vocational Education and Electrical Engineering (ICVEE) 2015, ISSN: 2461-0909, Volume 1, November 2015, halaman 131-134
<http://icvee.conference.unesa.ac.id/2018/02/26/icvee-2015/>

7. The Enhancement of Teaching-Learning Process Effectiveness Trough The Development of Instructional Media Based on E-Learning of Surabaya's Vocational Students. Proceeding 6th International Conference on Educational, Management, Administration and Leadership, 2016-08-27 (icemal-16)(2016, online)
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8. The Development of Instructional Media Base on E-Learning To Increase The Class Effectiveness in Vocational High School. Proceeding The 8th International Convention of Indonesian Association of Technological and Vocational Education (APTEKINDO) and 19th Indonesian Congress of FPTK/FT-JPTK, ISBN : 978-602-74864-1-6, EI-05-004.
<http://aptekindo.blogspot.co.id/2016/10/proceeding-aptekindo-medan.html>
https://drive.google.com/file/d/0BzA_h6cMU4wQQZmV2NUxja2FycG8/view

9. Penggunaan Trainer Aksi Dasar Sistem Kontrol untuk Meningkatkan Hasil Belajar Mahasiswa Teknik Elektro Unesa pada Mata Kuliah Dasar Sistem Pengaturan. Prosiding PPM Unesa 2016. Seminar Nasional Hasil Penelitian dan Pengabdian Kepada Masyarakat. ISBN : 978-602-0951-13-3, halaman 47-52.
http://lppm.unesa.ac.id/semnasppm/prosiding2016/1_Inovasi_Pendidikan.pdf

10. Pengembangan Media Pembelajaran Berbasis Web di SMK Kota Surabaya. Prosiding PPM Unesa 2016 Seminar Nasional Hasil Penelitian dan Pengabdian Kepada Masyarakat. ISBN : 978-602-0951-13-3, halaman 53-60
http://lppm.unesa.ac.id/semnasppm/prosiding2016/1_Inovasi_Pendidikan.pdf

11. Pengaruh Prestasi Nonakademik Terhadap Prestasi Akademik Mahasiswa Fakultas Teknik Unesa. Prosiding PPM Unesa 2017 . Seminar Nasional Hasil Penelitian dan Pengabdian Kepada Masyarakat. ISBN: 978-602-0951-17-1, halaman 153-158. <http://lppm.unesa.ac.id/download/>
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12. Peningkatan Kualitas Program Kreativitas Mahasiswa Fakultas Teknik. Prosiding PPM Unesa 2017. Seminar Nasional Hasil Penelitian dan Pengabdian Kepada Masyarakat. ISBN: 978-602-0951-17-1, halaman 772-777
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13. Cancer lungs detection on CT scan image using artificial neural network backpropagation based gray level cocurrence matrices feature. 2017 International Conference on Advanced Computer Science and Information Systems (ICACISIS) – IEEE Xplore, Faculty of Computer Science Universitas Indonesia. DOI: 10.1109/ICACISIS.2017.8355054
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14. Development of Servo Motor Trainer for Basic Control System in Laboratory of Electrical Engineering Control System Faculty of Engineering Universitas Negeri Surabaya. Proceeding The 2nd International Conference on Vocational Education and Electrical Engineering (ICVEE) 2017, ISSN: 2461-0909, Volume 2, November 2017.
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15. Assessing Programmable Logic Controller Skill of Electrical Engineering Student. International Conference on Indonesian Technical Vocational Education and Association (APTEKINDO 2018)
Advances in Social Science, Education and Humanities Research
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DOI: <https://doi.org/10.1051/mateconf/201819703006>
17. Cooperation Between The Public and Private Sectors in Providing Internships for Students of Education Electrical Engineering. Proceedings of the International Conference on Science, Technology, Education, Arts, Culture and Humanity - "Interdisciplinary Challenges for Humanity Education in Digital Era" (STEACH 2018). Advances in Social Science, Education and Humanities Research. ISBN 978-94-6252-655-6. ISSN 2352-5398
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18. Development of Critical and Creative Thinking Skills to Increase Competence of PLC Programming for Electrical Engineering Education Students. ICTVT (International Conference on Technoogy and Vocational Teacher) 2018 "Innovation and Development of Technology for Vocational Education" Universitas Negeri Yogyakarta. Proses index scopus. Sudah masuk publisher IOP dengan alamat: <https://iopscience.iop.org/issue/1757-899X/535/1>
19. Penggunaan Trainer Motor Servo dalam Praktikum Mata Kuliah Dasar Sistem Pengaturan di Laboratorium Sistem Kendali Teknik Elektro Unesa. Prosiding Semnas PPM 2018 Hasil Penelitian dan Pengabdian kepada Masyarakat Volume 1 No. 1, 2018. ISBN: 978-602-53553-0-1, halaman 288-304. Terindeks Google Scholar dan Sinta.
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20. Developing DC Motor Control Module Using PLC as PLC Learning Media in Electrical Engineering UNESA, Indonesia. Proceeding of The International Conference on Industrial Engineering and Operations Management, halaman 1323-1329. Diselenggarakan di Toronto, Canada. Tanggal : 23-25 Oktober 2019. Penerbit : IEOM Society International. ISSN : 00002017. Terindex 4, SJR 0.12 (2018). <http://ieomsociety.org/toronto2019/proceedings/>