



2021

Staff Handbook

**Bachelor of Informatics Education
Sebelas Maret University**





Dr. Agus Efendi, M.Pd.

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Academic Career			
	Bachelor	IKIP Negeri Surabaya	1992
	Master	IKIP Negeri Yogyakarta	1998
	Doctorate	Universitas Sebelas Maret	2015
Employment			
	Position	Employer	Period
	Lecturer	Universitas Sebelas Maret	1993
	Senior Lecturer	Universitas Sebelas Maret	2001
	Assistant Professor	Universitas Sebelas Maret	2002
	Associate Professor	Universitas Sebelas Maret	2007

Research and development projects over the last 5 years				
	Project Title		Period	Amount of financing
	Analisis Profesionalitas Guru Ditinjau dari Kawasan Teknologi Pembelajaran Dalam Mengembangkan Media Pembelajaran Berbasis Augmented Reality (AR)		2021	15.300.000
	Pengembangan Aplikasi Android untuk Diagnosa Mandiri Covid-19 Menggunakan Algoritma Multi-Criteria Decision Making (MCDM) Sebagai Pengambil Keputusan		2020	13.500.000
	Efektivitas Model Blended Learning yang Dipadukan dengan Project-Based Learning untuk Meningkatkan Kompetensi Siswa Sekolah Menengah Kejuruan di Era RI 4.0		2020	-
	Analisis dan Pengembangan Protokol Otomasi Jaringan Berbasis Software Defined Networking untuk Efisiensi Pengelolaan Multinode Server		2019	45.500.000
Community service projects over the last 5 years				
	Project Title	Partner	Period	Amount of financing
	Pelatihan Pengembangan Media Pembelajaran Berbasis Augmented Reality (AR) Bagi Guru SMK	SMK N 2 Karanganyar	2021	7.100.000
	PKM Pembangunan Bank Sampah “BAROKAH” Sebagai Alternatif Pemberdayaan Sampah Untuk Meningkatkan Kesejahteraan Masyarakat di Wilayah Kampung Tegalasri, Kelurahan Bejen Karanganyar	Tegalasri	2021	25.400.000

	Implementasi Strategi Pembelajaran dengan Model Blended Learning Yang Dipadukan Project-Based Learning bagi Guru-guru di SMK N 1 Sawit Untuk Meningkatkan Kompetensi Siswa Di Era Ri 4.0	Pati	2020	-
	Workshop ICT SMA Negeri 1 Girimarto Wonogiri	SMA N 1 Girimarto Wonogiri	2019	-
Industry collaborations over the last 5 years				
	Project Title		Partner	
Patents and proprietary rights	Sistem Informasi Borang Akreditasi Berbasis Web		2019	
	Buku Panduan Instalasi Dan Implementasi Augmented Reality Menggunakan Unity 3D 2019.1.14f1 Dan Vuforia SDK		2021	
	Aplikasi Metrik Inklusif Perguruan Tinggi		2021	
Important publications over the last 5 years	Selected recent publications from a total of approx. (24):			
	Roemintoyo, Agus Efendi, Mochamad Kamil Budiarto, Hilmawan Wibawanto The Effect of Interactive Multimedia to Improve the Cognitive Learning Outcome in Senior High School’s Student MATEC Web Conf. ;Volume 154, 2018; The 2nd International Conference on Engineering and International Journal of Education and Knowledge Management (IJEKM) 4(1): 1-9 (2021)			
	Marshal Bima, Herman Saputro and Agus Efendy Virtual Laboratory to Support a Practical Learning of Micro Power Generation in Indonesian Vocational High Schools Open Engineering Vol 11 No 1 2021, pp.508-518 De Gruyter			

	Open Ltd.
	<p>M Rifki Affandi, Puspanda Hatta, Agus Efendi Otomatisasi Perangkat Jaringan Komputer Menggunakan Ansible Pada Laboratorium Komputer</p> <p>SMARTICS JOURNAL, Vol 6 No 2 2020, page: 01 - 06</p>
	<p>Dwi Niken Sari, Agus Efendi, Basori Basori Pengaruh Penggunaan Smartphone dan Intensitas Bermain Game Terhadap Hasil Belajar Kognitif Siswa Kelas X Smk Negeri 1 Sukoharjo</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 13 No 2 2020, page: 129-138</p>
	<p>Hermanto, A., Efendi, A., & Prakisy, N. P. T. The Influence of Student Teams Achievement Division Combined with Discovery Learning To Improve Student Learning Outcomes and Activeness</p> <p>Journal of Informatics and Vocational Education, 3(3), 93-99.</p>
	<p>Rahmat Fajar Asrofin, Agus Efendi and Deny Tri Ardianto ANALYSIS OF STUDENT NEEDS AT SMK NEGERI 5 SURAKARTA AGAINST BLENDED LEARNING MODELS THROUGH EDPuzzle E- Learning</p> <p>International Journal of Education and Social Science Research, Volume 2, Number 06 (2019), page : 300-308</p>
	<p>Alin Hoerunnisa, Nunuk Suryani, Agus Efendi THE EFFECTIVENESS OF THE USE OF E-LEARNING IN MULTIMEDIA CLASSES TO IMPROVE VOCATIONAL STUDENTS' LEARNING ACHIEVEMENT AND MOTIVATION</p> <p>Jurnal Teknologi Pendidikan, Volume 7, Number 2 (2019), page : 123-137</p>
	<p>Abdur Rachman Yusuf, Agus Efendi(*), Rosihan Ari Yuana ARROBO, Augmented Reality-Based Mobile Application for Supporting Innovative Learning in Robotics</p> <p>Jurnal Internasional bereputasi terindeks Scopus kelompok Quartil 3 (Q3), page : 226-235 Vol 16, No.3</p>
	<p>Faiz Kamal, Cucuk Wawan Budiyo, Agus Efendi Understanding students behavior during the adoption of modular robotics in learning</p> <p>IOP Conference Series: Materials Science and Engineering (Vol. 434, No. 1, p. 012263).</p>

	<p>Kharisma Febry Andika, Basori dan Agus Efendi PENGARUH KEAKTIFAN MAHASISWA DALAM ORGANISASI DAN PRESTASI BELAJAR TERHADAP KESIAPAN KERJA MAHASISWA PROGRAM STUDI PENDIDIKAN TEKNIK INFORMATIKA DAN KOMPUTER UNIVERSITAS SEBELAS MARET SURAKARTA</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan Vol.11, No.2, 2018, page: 1-11</p>
	<p>Agus Efendi PENGEMBANGAN MEDIA "AGUS TRAINER" UNTUK PEMBELAJARAN ROBOTIKA</p> <p>Jurnal Ilmiah Edutic Pendidikan dan Informatika, Volume 5, Number 1 (2018), page : 32-38</p>
	<p>Anisa Setyowati, Agus Efendi, Basori Basori The Analysis of Reward Systems Implementation in Basic Network Course: Case Study of a Vocational School in Solo, Central Java</p> <p>Indonesian Jurnal of Informatics Education, Vol 2 No 1 2018, page: 152-159</p>
	<p>Ismi Amrina Maf'ulah, Agus Efendi, Basori Basori The Effectiveness of Robomind Software in Basic Programming Learning.</p> <p>Indonesian Jurnal of Informatics Education, Vol 1 No 1 2017, page: 31-37</p>
	<p>Rifen Gigih Affafa, Agus Efendi, Basori Basori The Influence of Achievement Subject Package of Expertise (C3), Learning Motivation and Industrial Guidance Toward Achievement of Industrial Working Practice Multimedia Student at State Vocational High School 3 Surakarta</p> <p>Indonesian Jurnal of Informatics Education, Vol 1 No 1 2017, page: 1-8</p>
	<p>Tigowati Tigowati, Agus Efendi, Cucuk Wawan Budiyanoto The Influence of E-learning Use to Student Cognitive Performance and Motivation in Digital Simulation Course</p> <p>Indonesian Journal of Informatics Education, 1(2), 127-134.</p>
	<p>Taufiq Lilo Adi Sucipto, Agus Efendi, Husni Nadya Hanif, Cucuk Wawan Budiyanoto The Influence of Learning Management Technology to Student's Learning Outcome</p> <p>Student's Learning Outcome. Online Submission, 1(1), 11-18.</p>

Activities in specialist bodies over the last 5 year			
	Organization	Role	Period
	Education And Informatics Technology	Chairman	2016-Now
	Information Systems for Sustainable Development	Member	2018-2018
	Pusat Kajian dan Pengembangan Teknologi dan Kolaborasi Industri (PKPTKI)	Member	2014-2019
	Educational Technology	Member	2019-2021



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Academic Career

Bachelor	Universitas Sebelas Maret	2001
Master	Pend. Teknologi dan Kejuruan (Kons. ICT)	2011

Employment

Position	Employer	Period
Lecturer	Universitas Sebelas Maret	2005
Senior Lecturer	Universitas Sebelas Maret	2006
Assistant Professor	Universitas Sebelas Maret	2018

Research and development projects over the last 5 years

Project Title	Period	Amount of financing
Analisis Profesionalitas Guru Ditinjau dari Kawasan Teknologi	2021	15.300.000

	Pembelajaran Dalam Mengembangkan Media Pembelajaran Berbasis Augmented Reality (AR)			
	Pengembangan Model Pembelajaran 7E-Based Blended Learning (7E-BL) Untuk Meningkatkan Kemampuan Berpikir Kritis Siswa Di Sekolah Menengah Kejuruan	2021	29.000.000	
	Efektivitas Model Blended Learning Yang Dipadukan Dengan Project-Based Learning Untuk Meningkatkan Kompetensi Siswa Sekolah Menengah Kejuruan Di Era Ri 4.0	2020	-	
	PENINGKATAN EDUCATION AND PUBLIC OUTREACH TEKNOLOGI PANAS BUMI TERHADAP MASYARAKAT SEBAGAI PENDUKUNG PEMBANGUNAN PEMBANGKIT PANAS BUMI 35 MW	2020	29.125.000	
	Peningkatan Kapasitas Pembangkit Listrik Panas Bumi Menggunakan Analisis Eksergi untuk Mendukung Kebijakan Pemerintah Dalam Pengembangan Pembangkit Listrik 35 Ribu MW	2019	100.000.000	
	Pengembangan Sistem Pemberian Penguatan Siswa Dalam Pembelajaran Melalui Reward System Berbasis Android Di Sekolah Menengah Kejuruan (Tahun 1)	2017	100.000.000	
Community service over the last 5 year				
	Project Title	Partner	Period	Amount of financing
	Pemberdayaan Guru melalui Penerapan Teknologi AR (Augmented Reality) dalam mengembangkan media pembelajaran Inovatif Berbasis IT Untuk meningkatkan Profesionalisme mengajar di SMK Karanganyar	SMK N 2 Karanganyar	2021	7.100.000

	Implementasi Strategi Pembelajaran dengan Model Blended Learning yang Dipadukan Project-Based Learning Bagi Guru-Guru di SMK N 1 Sawit untuk Meningkatkan Kompetensi Siswa di Era 4.0	SMK N 1 Sawit	2020	-				
	Workshop ICT SMA Negeri 1 Girimarto	SMA N 1 Girimarto	2019	-				
Industry collaborations over the last 5 years	<table><tr><th>Project Title</th><th>Partner</th></tr><tr><td></td><td></td></tr></table>				Project Title	Partner		
Project Title	Partner							
Patents and proprietary rights	<table><tr><td>Buku Panduan Instalasi Dan Implementasi Augmented Reality Menggunakan Unity 3D 2019.1.14f1 Dan Vuforia SDK</td><td>2021</td></tr></table>				Buku Panduan Instalasi Dan Implementasi Augmented Reality Menggunakan Unity 3D 2019.1.14f1 Dan Vuforia SDK	2021		
Buku Panduan Instalasi Dan Implementasi Augmented Reality Menggunakan Unity 3D 2019.1.14f1 Dan Vuforia SDK	2021							
Important publications over the last 5 years	<p>Selected recent publications from a total of approx. (108):</p> <table><tr><td>Dini Erlinawati, Basori Basori, Puspanda Hatta Instructional Design to Improve Studentsâ€™™ Entrepreneurial Affective Indonesian Jurnal of Informatics Education Vol 5 No 2 2022, page: 59-67</td></tr><tr><td>Tsaqofatun Fani Dzahabiyah, Basori Basori, Dwi Maryono Pengaruh Penggunaan Model Pembelajaran Pbl Dan Tutor Sebaya Terhadap Pemahaman Peserta Didik Pada Mata Pelajaran Dasar Desain Grafis Kelas X Jurusan Multimedia Smk Batik 2 Surakarta Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 14 No 2 2021, page: 127-131</td></tr><tr><td>Winda Annisa Salma, Basori Basori, Puspanda Hatta The Effectiveness and effect of Project-Based Blended Learning on Student Achievement in Online Learning at Surakarta, Indonesia Indonesian Jurnal of Informatics Education, Vol 5 No 1 2021</td></tr></table>				Dini Erlinawati, Basori Basori, Puspanda Hatta Instructional Design to Improve Studentsâ€™™ Entrepreneurial Affective Indonesian Jurnal of Informatics Education Vol 5 No 2 2022, page: 59-67	Tsaqofatun Fani Dzahabiyah, Basori Basori, Dwi Maryono Pengaruh Penggunaan Model Pembelajaran Pbl Dan Tutor Sebaya Terhadap Pemahaman Peserta Didik Pada Mata Pelajaran Dasar Desain Grafis Kelas X Jurusan Multimedia Smk Batik 2 Surakarta Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 14 No 2 2021, page: 127-131	Winda Annisa Salma, Basori Basori, Puspanda Hatta The Effectiveness and effect of Project-Based Blended Learning on Student Achievement in Online Learning at Surakarta, Indonesia Indonesian Jurnal of Informatics Education, Vol 5 No 1 2021	
Dini Erlinawati, Basori Basori, Puspanda Hatta Instructional Design to Improve Studentsâ€™™ Entrepreneurial Affective Indonesian Jurnal of Informatics Education Vol 5 No 2 2022, page: 59-67								
Tsaqofatun Fani Dzahabiyah, Basori Basori, Dwi Maryono Pengaruh Penggunaan Model Pembelajaran Pbl Dan Tutor Sebaya Terhadap Pemahaman Peserta Didik Pada Mata Pelajaran Dasar Desain Grafis Kelas X Jurusan Multimedia Smk Batik 2 Surakarta Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 14 No 2 2021, page: 127-131								
Winda Annisa Salma, Basori Basori, Puspanda Hatta The Effectiveness and effect of Project-Based Blended Learning on Student Achievement in Online Learning at Surakarta, Indonesia Indonesian Jurnal of Informatics Education, Vol 5 No 1 2021								


	<p>page: 1-8</p> <p>Anggraini Candra Kusuma, Basori Basori, Cucuk Wawan Budiyo</p> <p>Assessing Lecturers' Acceptance towards Online Learning System: The Institutional Theory Perspective</p> <p>Indonesian Journal of Informatics Education, Vol 4 No 2 2020, page: 62-71</p>
	<p>Titan Istiah Herwati, Basori Basori, Puspanda Hatta</p> <p>Exploration of Critical Thinking Skills in Digital Citizenship Course Through Online Learning</p> <p>Indonesian Journal of Informatics Education, Vol 4 No 1 2020, page: 17-23</p>
	<p>Dwi Niken Sari, Agus Efendi, Basori Basori</p> <p>Pengaruh Penggunaan Smartphone dan Intensitas Bermain Game Terhadap Hasil Belajar Kognitif Siswa Kelas X Smk Negeri 1 Sukoharjo</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 13 No 2 2020, page: 129-138</p>
	<p>Farid Suryandani, Basori Basori, Dwi Maryono</p> <p>Pengembangan Sistem Informasi Akademik Berbasis Web Sebagai Sistem Pengolahan Nilai Siswa di Smk Negeri 1 Kudus</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 13 No 1 2020, page: 52-60</p>
	<p>Ridho Akhya, Husin Bugis, Basori Basori</p> <p>Analisis Pengaruh Daya, Tingkat Kebisingan, dan Torsi Sepeda Motor 4 Tak pada Penggunaan Knalpot dengan Busi Racing dan Model Free Flow</p> <p>Jurnal Pendidikan Teknik Mesin UNS, page: 112-122 Vol 1, No. 2, 2019</p>
	<p>Ratna Dwi Milandari, Basori Abu Ghaza</p> <p>Pengaruh Hasil Belajar Kewirausahaan dan Desain Multimedia Interatif Terhadap Perilaku Kewirausahaan Peserta Didik Kelas Xi Kompetensi Keahlian Multimedia Smkn 4 Banjarbaru</p> <p>Jurnal Ilmiah Edutic Vol 5 No 2 2019, page: 93-99</p>
	<p>Nyenyep Sriwardani, Ranto Ranto, Ngatou Rohman, Basori Basori</p> <p>Pengaruh inhibitor blimbing wuluh terhadap pengendalian korosi baja karbon dalam larutan NaCl</p>

	<p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, page: 261-267, Vol 12, No.2, 2019</p>
	<p>Sanchia Janita Prameswari, Basori Basori, Endar Suprih Wihidayat The comparison between using Blender application and 3DS Max application toward students' comprehension of 3D animation subject at Batik 2 Vocational School in Surakarta Indonesian Journal of Informatics Education, page: 8-15 Vol 3, No.2, 2019</p>
	<p>Indriana Yuni Astuti, Indah Widiastuti, Basori Basori The Learning Media Development Module of Technical Images Based on Cycle 5e Learning Approach Journal of Mechanical Engineering and Vocational Education, page: 22-26, Vol 2, No. 1, 2019</p>
	<p>Ratih Isnaini; Basori; Rosihan Ari Yuana; Dwi Maryono Designing Android reward system application in education to improve learning quality IEEE Xplore, page: 9-14, 2018</p>
	<p>Basori Experimental Study on The Use of Biodiesel Sterculia Foetida to Reduce Exhaust Gas Opacity AIP Conference Proceedings, Volume 2014, Issue 1, id.020059, page: 020059-1-020059-7, 2018</p>
	<p>Energy and exergy analysis of dry-steam geothermal power plant in Kamojang International Journal of Power and Energy Systems, Vol 21, page: 23-26, 2018</p>
	<p>Kukuh Mukti Wibowo, Bayu Rudiyanto, Nugroho Agung Pambudi, Basori, Rusdi Febriyanto, Riyanto and Nova Dani Setyawan Experimental study on pitch angle effects on the performance of Sg-6043 horizontal wind turbine Journal of Physics: Conference Series, Vol 1153, page: 1-7, 2018</p>
	<p>Basori Basori BLENDED LEARNING WITH FLIPPED CLASSROOM TYPE FOR ENHANCING QUALITY OF LEARNING IN VOCATIONAL HIGH SCHOOL: A REVIEW Journal of Mechanical Engineering and Education, Vol 3 No1 2018, page: 11-22</p>
	<p>Basori Basori, Ratih Isnaini, Anisa Setyowati, Deuansvanh</p>

	<p>Phommavongsa DEVELOPMENT OF AN ANDROID-BASED REWARD SYSTEM TO ENHANCE THE ACTIVITY OF LEARNING</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 24 No 1 2018, page: 116-124</p>
	<p>Basori Basori EXPERIMENTAL INVESTIGATION ON DRY CELL HHO GENERATOR WITH CATALYST VARIATION FOR REDUCING THE EMISSIONS</p> <p>Journal of Mechanical Engineering and Vocational Education, Vol 1 No 1 2018, page: 1-8</p>
	<p>Kharisma Febry Andika, Basori dan Agus Efendi PENGARUH KEAKTIFAN MAHASISWA DALAM ORGANISASI DAN PRESTASI BELAJAR TERHADAP KESIAPAN KERJA MAHASISWA PROGRAM STUDI PENDIDIKAN TEKNIK INFORMATIKA DAN KOMPUTER UNIVERSITAS SEBELAS MARET SURAKARTA</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan Vol.11, No.2, 2018, page: 1-11</p>
	<p>Anisa Setyowati, Agus Efendi, Basori Basori The Analysis of Reward Systems Implementation in Basic Network Course: Case Study of a Vocational School in Solo, Central Java</p> <p>Indonesian Journal of Informatics Education, Vol 2 No 1 2018, page: 152-159</p>
	<p>Sabiq Farhan, Ranto, Basori Pengaruh Penerapan Pendidikan Karakter Melalui Model Pembelajaran Student Team Achievement Division Terhadap Hasil Belajar Pemeliharaan Mesin Kendaraan Ringan Smk Pancasila Surakarta</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 10 No 2 2017, page: 47-55</p>
	<p>Farid Suryandani, Basori Basori, Dwi Maryono PENGEMBANGAN SISTEM INFORMASI AKADEMIK BERBASIS WEB SEBAGAI SISTEM PENGOLAHAN NILAI SISWA DI SMK NEGERI 1 KUDUS</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 10 No 1 2017, page: 71-82</p>
	<p>Ali Akbar Himawan, Basori, Taufiq Lilo Adi Sucipto Social Media and Intensity of Watching Television Drama Influence on Achievement of Students</p>

	Indonesian Jurnal of Informatics Education, Vol 1 No 2, pp. 9 –16, 2017		
	Ismi Amrina Maf'ulah, Agus Efendi, Basori Basori The Effectiveness of Robomind Software in Basic Programming Learning. Indonesian Jurnal of Informatics Education, Vol 1 No 1 2017, page: 31-37		
	Rifien Gigih Affafa, Agus Efendi, Basori Basori The Influence of Achievement Subject Package of Expertise (C3), Learning Motivation and Industrial Guidance Toward Achievement of Industrial Working Practice Multimedia Student at State Vocational High School 3 Surakarta Indonesian Jurnal of Informatics Education, Vol 1 No 1 2017, page: 1-8		
	Rini Umbarwati, Basori Basori, Taufiq Lilo Adi Sucipto The Influence of Group Investigation and Virtual Box Learning Media to Students's™ Activeness Indonesian Jurnal of Informatics Education, Vol 1 No 1 2017, page: 55-60		
	Istikomah Istikomah, Basori Basori, Cucuk Budiyanto The Influences of Problem-Based Learning Model with Fishbone Diagram to Student's™ Critical Thinking Ability Indonesian Jurnal of Informatics Education, Vol 1 No 2 2017, page: 83-91		
Activities in specialist bodies over the last 5 year			
	Organization	Role	Period
	Education And Informatics Technology	Member	2020-Now
	Teknologi Informasi Pembelajaran	Member	2020-Now
	Pusat Kajian dan Pengembangan Teknologi dan Kolaborasi Industri (PKPTKI)	Member	2014-2018
	Pengembangan dan Penjaminan Mutu Pendidikan	Member	2018-2019

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Academic Career	Bachelor	Institut Teknologi Sepuluh Nopember	2002
	Doctorate	Swinburne University Of Technology	2016
Employment	Position	Employer	Period
	Lecturer	Universitas Sebelas Maret	2016
	Assistant Professor	Universitas Sebelas Maret	2018
Research and development projects over the last 5 years	Project Title	Period	Amount of financing
	The 3rd Annual Engineering and Vocational Education Conference (AEVEC) - Strengthening Research in Engineering and Vocational Education by Aligning Linkage with industry.	2021	50.000.000
	Integrating Educational Robotics into	2021	60.000.000

	Regular Curricula: Developing Computational Thinking Skill to Tackle the Challenges of Digital Illiteracy		
	Optimalisasi Adaptive Learning pada Pembelajaran Jarak Jauh melalui Sistem Penunjang Keputusan dengan Algoritma Simple Additive Weight (SAW)	2021	15.200.000
	Evaluasi Penerapan Cooperative Problem Base Learning (CPBL) pada Pembelajaran Daring	2021	-
	THE 2ND ANNUAL ENGINEERING AND VOCATIONAL EDUCATION CONFERENCE (AEVEC) 2020	2020	48.500.000
	GREEN STEM: PENDIDIKAN BERBASIS LINGKUNGAN HIDUP DALAM PEMBELAJARAN STEM	2020	15.000.000
	Pengembangan Aplikasi Android untuk Diagnosa Mandiri Covid-19 Menggunakan Algoritma Multi-Criteria Decision Making (MCDM) Sebagai Pengambil Keputusan	2020	13.500.000
	Integrating Educational Robotics into Regular Curricula: Developing Computational Thinking Skill to Tackle the Challenges of Digital Illiteracy	2020	39.197.000
	Pengembangan Laboratorium Internet of Things untuk Menjembatani Transformasi Digital dalam Dunia Pendidikan	2020	85.337.000
	Integrasi Robotika Pendidikan ke dalam Kurikulum Prodi Pendidikan Teknik Informatika dan Komputer untuk Memfasilitasi Pengembangan Kemampuan Berpikir Komputasi	2020	34.075.000
	Model Web API Remote Code Compiler sebagai Pendukung Pembelajaran Adaptif Pemrograman Komputer	2019	38.000.000
	INVESTIGASI EKSPERIMENTAL DAN PEMBUATAN PROTOTYPE SERVER IMMERSION COOLING UNTUK MENURUNKAN KONSUMSI ENERGI DI INDONESIA	2019	91.500.000
	Penerapan EDUCATIONAL ROBOTICS	2019	93.750.000

	sebagai Inovasi Pembelajaran bagi Calon Guru di Prodi Pendidikan Teknik Informatika dan Komputer FKIP UNS			
Community service over the last 5 years				
	Project Title	Partner	Period	Amount of financing
	KKN UNS JUL-AGT 2021	Surakarta	2021	-
	Aplikasi Geographical Information Systems (GIS) untuk Pemetaan Potensi Desa Matesih Menuju Desa Digital	Matesih	2021	7.000.000
	GREEN STEM: PENDIDIKAN BERBASIS LINGKUNGAN HIDUP DALAM PEMBELAJARAN STEM UNTUK SISWA SEKOLAH ALAM DI KABUPATEN KLATEN	Klaten	2020	5.000.000
	KKN UNS Masa Covid B di KEBUMEN	Kebumen	2020	-
	Teknologi Image Recognition berbasis Arduino untuk Optimalisasi Panen Petik Merah pada Kebun Kopi Rakyat Dusun Tritis Desa Semagar Kecamatan Girimarto Kabupaten Wonogiri.	Wonogiri	2019	28.000.000
	Workshop ICT SMA Negeri 1 Girimarto Wonogiri	SMA N 1 Girimarto	2019	-
Industry collaborations over the last 5 years				
	Project Title	Partner		
	e-Commerce Website and Mobile Apps Development	Indonesia Direct (https://indonesiadirect.org/)		

Patents and proprietary rights	<table><tr><td>Aplikasi GIS (Geographical Information System) Untuk Pemetaan Potensi Desa Matesih Menuju Desa Digital</td><td>2021</td></tr><tr><td>CBUDDY: Your Conference Buddy</td><td>2019</td></tr><tr><td>Sistem Informasi Borang Akreditasi Berbasis Web</td><td>2019</td></tr><tr><td>PENGELOLAAN KELAS DIGITAL</td><td>2019</td></tr><tr><td>Sistem Penunjang Keputusan Penentuan Strategi Belajar Dengan Algoritma SAW</td><td>2021</td></tr></table>	Aplikasi GIS (Geographical Information System) Untuk Pemetaan Potensi Desa Matesih Menuju Desa Digital	2021	CBUDDY: Your Conference Buddy	2019	Sistem Informasi Borang Akreditasi Berbasis Web	2019	PENGELOLAAN KELAS DIGITAL	2019	Sistem Penunjang Keputusan Penentuan Strategi Belajar Dengan Algoritma SAW	2021
Aplikasi GIS (Geographical Information System) Untuk Pemetaan Potensi Desa Matesih Menuju Desa Digital	2021										
CBUDDY: Your Conference Buddy	2019										
Sistem Informasi Borang Akreditasi Berbasis Web	2019										
PENGELOLAAN KELAS DIGITAL	2019										
Sistem Penunjang Keputusan Penentuan Strategi Belajar Dengan Algoritma SAW	2021										
Important publications over the last 5 years	<p>Selected recent publications from a total of approx. (88):</p> <table><tr><td>Cucuk Wawan Budiyanto, Fauzi Mirwan Safrudin, Rosihan Ari Yuana The Influence of Educational Robotics to Abstraction Skill in High School <i>Journal of Physics: Conference Series</i> (Vol. 1808, No. 1, p. 012018).</td></tr><tr><td>Cucuk Wawan Budiyanto, Qonitah Hanif, Rosihan Ari Yuana Abstract Thinking Skills of High School Students in STEM Learning: Literature Review <i>Journal of Physics: Conference Series</i> (Vol. 1808, No. 1, p. 012019).</td></tr><tr><td>Allan Auri Putra Pamungkas, Dwi Maryono, Cucuk Wawan Budiyanto Cluster Analysis for Student Grouping Based on Index of Learning Styles <i>Journal of Physics: Conference Series</i> (Vol. 1808, No. 1, p. 012023).</td></tr><tr><td>Dian Wahyu Widyanto, Danar Susilo Wijayanto, Cucuk Wawan Budiyanto, Soenarto, Mochammad Bruri Triyono Comparison Study of Solar Panels with Horizontal Turbine as an Alternative Electric Energy Source <i>Journal of Physics: Conference Series</i> (Vol. 1808, No. 1, p. 012006).</td></tr><tr><td>Puspanda Hatta, Cucuk Wawan Budiyanto Alleviate the contending issues in network operating system courses: Psychomotor and troubleshooting skill development with Raspberry Pi</td></tr></table>	Cucuk Wawan Budiyanto, Fauzi Mirwan Safrudin, Rosihan Ari Yuana The Influence of Educational Robotics to Abstraction Skill in High School <i>Journal of Physics: Conference Series</i> (Vol. 1808, No. 1, p. 012018).	Cucuk Wawan Budiyanto, Qonitah Hanif, Rosihan Ari Yuana Abstract Thinking Skills of High School Students in STEM Learning: Literature Review <i>Journal of Physics: Conference Series</i> (Vol. 1808, No. 1, p. 012019).	Allan Auri Putra Pamungkas, Dwi Maryono, Cucuk Wawan Budiyanto Cluster Analysis for Student Grouping Based on Index of Learning Styles <i>Journal of Physics: Conference Series</i> (Vol. 1808, No. 1, p. 012023).	Dian Wahyu Widyanto, Danar Susilo Wijayanto, Cucuk Wawan Budiyanto, Soenarto, Mochammad Bruri Triyono Comparison Study of Solar Panels with Horizontal Turbine as an Alternative Electric Energy Source <i>Journal of Physics: Conference Series</i> (Vol. 1808, No. 1, p. 012006).	Puspanda Hatta, Cucuk Wawan Budiyanto Alleviate the contending issues in network operating system courses: Psychomotor and troubleshooting skill development with Raspberry Pi					
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	<p><i>Open Engineering</i>, vol. 11, no. 1, 2021, pp. 772-781.</p>
	<p>Cucuk Wawan Budiyo, Faaizah Shahbodin, Muhammad Ulin Khoirul Umam, Ratih Isnaini, Anayanti Rahmawati, Indah Widiastuti</p> <p>Developing Computational Thinking Ability in Early Childhood Education: The Influence of Programming-toy to Parent-Children Engagement</p> <p><i>International Journal of Pedagogy and Teacher Education</i>, 5(1), 19-25.</p>
	<p>Alfina Tri Buanawati, Risma Rahmawati, Zaiful Hidayat, Ratna Hidayah, Cucuk Wawan Budiyo</p> <p>Parents Role in Learning of Elementary Students During the Covid-19 Pandemic</p> <p>Pancaran Pendidikan, Vol. 10, No. 3, Page 7-16</p>
	<p>Febri Liantoni, Yusfia Hafid Aristyagama, Nurcahya Pradana Taufik Prakisy, Puspanda Hatta, Cucuk Wawan Budiyo</p> <p>Workshop and Motivation for Improving Student Skills through the Information and Communications Technology</p> <p><i>THE SPIRIT OF SOCIETY JOURNAL</i>, 5(1), 33-39.</p>
	<p>Indah Widiastuti, Cucuk Wawan Budiyo, Murni Ramli</p> <p>Pre-service Teacher Conceptions of Integrated STEM Using the Engineering Design Approach</p> <p><i>2020 IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE)</i> (pp. 106-111).</p>
	<p>Anggraini Kusuma, Basori Basori, Cucuk Wawan Budiyo</p> <p>Assessing Lecturers' Acceptance towards Online Learning System: The Institutional Theory Perspective</p> <p><i>Indonesian Journal of Informatics Education</i>, 4(2), 62-71.</p>
	<p>Cucuk Wawan Budiyo, Nur Alvi Nikmah, Ayu Cahyaningsih, Kun Afifah</p> <p>Pendekatan Inovatif dalam Mengantisipasi Penyebaran COVID-19: Laporan KKN Tematik COVID-19 2020</p> <p><i>DEDIKASI: Community Service Reports</i>, 2(2), 23-28.</p>
	<p>Cucuk Wawan Budiyo, Adi Prananto, Felix Ter-Chian Tan</p> <p>Designing Embedded Case Study Research Approach in Educational Research</p> <p><i>International Journal of Pedagogy and Teacher Education</i>, 3(1), 1-18.</p>

	<p>Faiz Kamal, Cucuk Wawan Budiyanto, Agus Efendi Understanding students behavior during the adoption of modular robotics in learning <i>IOP Conference Series: Materials Science and Engineering</i> (Vol. 434, No. 1, p. 012263).</p>
	<p>Feri Ardiana Aristawati, Cucuk Wawan Budiyanto, Rosihan Ari Yuana Adopting Educational Robotics to Enhance Undergraduate Students' Self-Efficacy Levels of Computational Thinking <i>Journal of Turkish Science Education</i>, 15(Special), 42-50.</p>
	<p>Rosihan Ari Yuana, Dewanto Harjunowibowo, Nugraha Arif Karyanta, Cucuk Wawan Budiyanto Data Similarity Filtering of Wartegg Personality Test Result using Cosine-Similarity <i>International Journal of Recent Contributions from Engineering, Science & IT (IJES)</i>, 6(3), 19-28.</p>
	<p>Septian Nugroho, Cucuk Wawan Budiyanto, Aris Budianto Technology Acceptance Model for Examining the Feasibility of a Computer-based Test System (an Indonesian Context) <i>Indonesian Journal of Informatics Education</i>, 2(2), 105-116.</p>
	<p>Siti Asiyah, Cucuk Wawan Budiyanto, A.G Tamrin Technology Acceptance Model in the Analysis of the Influence Of E-Learning Implementation to Students' Motivation <i>Indonesian Journal of Informatics Education</i>, 2(1), 51-56.</p>
	<p>Cucuk Wawan Budiyanto Decision Support Systems Development for an Artificial Insemination Project in Community Based Precision Livestock Farming <i>IOP Conference Series: Materials Science and Engineering</i> (Vol. 180, No. 1, p. 012242).</p>
	<p>Cucuk Wawan Budiyanto, Indah Widiastuti, Endar Suprih Wihidayat Introducing Indigenous Culture into Online-based Courses <i>Pertanika Journal of Social Science & Humanities</i>, 25, 73-84.</p>
	<p>Putri Wulandari, Cucuk Wawan Budiyanto Improving Foreign Language Learning by the Mean of Learning Management System: Review of the Literature <i>International Conference on Teacher Training and Education 2017</i></p>

	<p>(ICTTE 2017) (pp. 586-601).</p>
	<p>Yope Anugerah, Cucuk Wawan Budiyan to The Design of Children Educational Game Interface: Review of the Literature <i>International Conference on Teacher Training and Education 2017 (ICTTE 2017)</i> (pp. 762-770).</p>
	<p>Henrica Lukita, Yudianto Sujana, Cucuk Wawan Budiyan to Can Interactive Learning Improve Learning Experience? A Systematic Review of the Literature <i>International Conference on Teacher Training and Education 2017 (ICTTE 2017)</i> (pp. 495-500).</p>
	<p>Ibrahim Saputra, Cucuk Wawan Budiyan to, Puspanda Hatta The Development of a Competency Testing Systems: Adopting TAM to Explore User's Acceptance <i>Indonesian Journal of Informatics Education</i>, 1(2), 87-94.</p>
	<p>Sanchia Janita Prameswari, Cucuk Wawan Budiyan to The development of the effective learning environment by creating an effective teaching in the classroom. <i>IJIE (Indonesian Journal of Informatics Education)</i>, 1(1), 79-86.</p>
	<p>Sslamet Fahrurrozi, Dwi Maryono, Cucuk Wawan Budiyan to The Development of Video Learning to Deliver a Basic Algorithm Learning <i>Indonesian Journal of Informatics Education</i>, 1(2), 135-142.</p>
	<p>Tigowati Tigowati, Agus Efendi, Cucuk Wawan Budiyan to The Influence of E-learning Use to Student Cognitive Performance and Motivation in Digital Simulation Course <i>Indonesian Journal of Informatics Education</i>, 1(2), 127-134.</p>
	<p>Taufiq Lilo Adi Sucipto, Agus Efendi, Husni Nadya Hanif, Cucuk Wawan Budiyan to The Influence of Learning Management Technology to Student's Learning Outcome <i>Student's Learning Outcome. Online Submission</i>, 1(1), 11-18.</p>
	<p>Istikomah Istikomah, Basori Basori, Cucuk Wawan Budiyan to The Influences of Problem-Based Learning Model with Fishbone Diagram to Student's Critical Thinking Ability <i>IJIE (Indonesian Journal of Informatics Education)</i>, 1(2), 171-179.</p>

Activities in specialist bodies over the last 5 year			
	Organization	Role	Period
	Information Systems for Sustainable Development	Chairman	2018-Now
	STEM Education & Literacy	Member	2019-2021
	Education And Informatics Technology	Member	2016-2019



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Position

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Academic Career

Bachelor	Universitas Sebelas Maret	2003
Master	Institut Teknologi Sepuluh Nopember	2010

Employment

Position	Employer	Period
Lecturer	Universitas Sebelas Maret	2005
Senior Lecturer	Universitas Sebelas Maret	2008
Assistant Professor	Universitas Sebelas Maret	2018

Research and development projects over the last 5 years

Project Title	Period	Amount of financing
PENGEMBANGAN VIDEO ANIMASI EXPLAINER SEBAGAI PENUNJANG MEDIA PEMBELAJARAN DARING SENI BUDAYA BAGI SISWA SEKOLAH	2021	69.000.000

	MENENGAH PERTAMA YANG TERDAMPAK PANDEMI COVID-19				
	Komodifikasi dan Autentisitas Kesenian Topeng Panji Bobung Sebagai Upaya Globalisasi dan Lokalisasi Budaya Bangsa			2021	44.100.000
	Optimalisasi Program Afirmasi Pendidikan Menengah Wilayah 3T Dalam Pelaksanaan Belajar Dari Rumah Di Masa Pandemi			2021	-
	Transformasi Konsep Keseimbangan Dalam Struktur Simbolisme Visual Wayang Purwa Profil Satria dan Raseksa			2020	15.000.000
	PENGEMBANGAN SO-LA SENSE SEBAGAI TEKNOLOGI BANTU MOBILITAS INDIVIDU DENGAN HAMBATAN PENGLIHATAN			2020	-
	EFEKTIVITAS PEMBELAJARAN DARING DI PERGURUAN TINGGI INDONESIA PADA MASA PANDEMI COVID-19			2020	-
	PENGEMBANGAN MEDIA DIGITAL GAME BASED LEARNING SEBAGAI PENDUKUNG MATA PELAJARAN SENI BUDAYA KURIKULUM 2013 BAGI SISWA SEKOLAH MENENGAH PERTAMA DI SURAKARTA			2019	80.000.000
Community service over the last 5 years					
	Project Title	Partner	Period	Amount of financing	
	Diversitas Desain Souvenir Topeng Batik Kayu Sebagai Produk Ekspor Unggulan Daerah Gunung Kidul Yogyakarta Dalam Menghadapi Pasar Bebas ASEAN	-	2021	148.800.000	
	Upaya Pelestarian Dalang Wayang Kulit Purwa Melalui Pengkaderan Dalang Anak-Anak	-	2020	5.000.000	

	Diversitas Desain Souvenir Topeng Batik Kayu Sebagai Produk Ekspor Unggulan Daerah Gunung Kidul Yogyakarta Dalam Menghadapi Pasar Bebas Asean	-	2020	148.800.000
	Teknologi Image Recognition berbasis Arduino untuk Optimalisasi Panen Petik Merah pada Kebun Kopi Rakyat Dusun Tritis Desa Semagar Kecamatan Girimarto Kabupaten Wonogiri.	Wonogiri	2019	28.000.000
	Workshop ICT SMA Negeri 1 Girimarto Wonogiri	SMA N 1 Girimarto	2019	-
Industry collaborations over the last 5 years				
	Project Title		Partner	
Patents and proprietary rights	Aplikasi Sistem Monitoring Deteksi Obyek Untuk Tuna Netra		2021	
	Topeng Batik App		2020	
	Buku Panduan Instalasi Dan Implementasi Augmented Reality Menggunakan Unity 3D 2019.1.14f1 Dan Vuforia SDK		2021	
Important publications over the last 5 years	Selected recent publications from a total of approx. (21):			
	Slamet Subiyantoro a,1, Mulyanto, Kristiani, Aniek Hindrayani, Favorita Kurwidaria, Dwi Maryono & Yasin Surya Wijaya ESTETIKA KESEIMBANGAN DALAM WAYANG KULIT PURWA: KAJIAN STRUKTURALISME BUDAYA JAWA Gelar : Jurnal Seni Budaya, Vol 19, No 1 (2021). page: 86 - 96			
	Tsaqofatun Fani Dzahabiyah, Basori Basori, Dwi Maryono PENGARUH PENGGUNAAN MODEL PEMBELAJARAN PBL DAN TUTOR SEBAYA TERHADAP PEMAHAMAN PESERTA			

	<p>DIDIK PADA MATA PELAJARAN DASAR DESAIN GRAFIS KELAS X JURUSAN MULTIMEDIA SMK BATIK 2 SURAKARTA</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 14, No 2 (2021). page 127 - 131</p>
	<p>Allan Auri Putra Pamungkas, Dwi Maryono and Cucuk Wawan Budiyanto</p> <p>Cluster Analysis for Student Grouping Based on Index of Learning Styles</p> <p>Journal of Physics: Conference Series Paper, Vol 1808 2021. page 1- 7</p>
	<p>Dwi Maryono, Andreas Wegiq Adia Hendix, Subagya, Sukarmin, Dewanto Harjunowibowo</p> <p>Object Detection Based on Clustering for Assistive Technology</p> <p>UKI scholars network, Vol. 1 No. 1 (2021): August. page : 10 -16</p>
	<p>Farid Suryandani, Basori Basori, Dwi Maryono</p> <p>PENGEMBANGAN SISTEM INFORMASI AKADEMIK BERBASIS WEB SEBAGAI SISTEM PENGOLAHAN NILAI SISWA DI SMK NEGERI 1 KUDUS</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 13, No 1 (2020), page: 52-60</p>
	<p>Dwi Maryono, Slamet Subiyantoro, Susilaningsih Susilaningsih</p> <p>PROFIL PEMASARAN ONLINE USAHA KERAJINAN TOPENG DAN KAYU BATIK DESA BOBUNG GUNUNGKIDUL</p> <p>Journal Bisnis Teori dan Implementasi, Vol 10, No 2 (2019) , page: 87-98</p>
	<p>Maryono D.,Hatta P.,Ariyuana R.</p> <p>Implementation of Numerical Attribute Discretization for Outlier Detection on Mixed Attribute Dataset</p> <p>IEEE Xplore, Volume 2018-January, Pages 715 - 718</p>
	<p>Ratih Isnaini; Basori; Rosihan Ari Yuana; Dwi Maryono</p> <p>Designing Android reward system application in education to improve learning quality</p> <p>IEEE Xplore, 15 January 2018, pages 9-14</p>
	<p>Slamet Subiyantoro, Susilaningsih ., Dwi Maryono</p> <p>BASIC STUDY OF COPYRIGHT FOR BATIK WOOD ARTISTS IN GUNUNG KIDUL, YOGYAKARTA</p> <p>Justisia Jurnal Hukum, Vol 6, No 2 2018, page : 384 - 399</p>

	<p>Hikmah Ramdhani Putri, Budiyono Budiyono, Dwi Maryono PENERAPAN PENDEKATAN SAVI (SOMATIS, AUDITORI, VISUAL, DAN INTELEKTUAL) UNTUK MENINGKATKAN KREATIVITAS DAN HASIL BELAJAR MATEMATIKA PADA SISWA KELAS IX H SMP N 3 KEBUMEN TAHUN PELAJARAN 2013/2014</p> <p>Jurnal Pendidikan Matematika dan Matematika SOLUSI, Vol 2, No 4 (2018), page : 315-321</p>
	<p>Aris Budianto, Rosihan Ariyuana, Dwi Maryono PERBANDINGAN K-NEAREST NEIGHBOR (KNN) DAN SUPPORT VECTOR MACHINE (SVM) DALAM PENGENALAN KARAKTER PLAT KENDARAAN BERMOTOR</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 11, No 1 (2018), page: 1-9</p>
	<p>Nurul Azmi, Dwi Maryono, Rosihan Ari Yuana Development of an Android-based Learning Media Application for Visually Impaired Students</p> <p>Indonesian Journal of Informatics Education, Vol 1, No 1 (2017), page: 61-68</p>
	<p>Kaisah Riski Zubaeti, Aris Budianto, Dwi Maryono Development of Decision-making Support System to Determine the Feasibility of the Job Training Industry Using Simple Additive Weighting Method</p> <p>Indonesian Journal of Informatics Education, Vol 1, No 2 (2017), pp. 17 –28</p>
	<p>Irma Nur Rochmah, Rosihan Ari Yuana, Dwi Maryono Making of Evalutionâ€™s Information System of Lecturer's Lecture and Majorâ€™s Service Based Web in PTIK Major FKIP UNS</p> <p>Indonesian Journal of Informatics Education (IJIE), Vol 1, No 2 (2017), pp. 65-75</p>
	<p>Endar Suprih Wihidayat, Endar Suprih Wihidayat Pengembangan Aplikasi Android Menggunakan Integrated Development Environment (IDE) App Inventor 2</p> <p>Jurnal Ilmiah Edutic, Vol 4, No 1 (2017), pp 1-12</p>
	<p>Farid Suryandani, Basori, Dwi Maryono PENGEMBANGAN SISTEM INFORMASI AKADEMIK BERBASIS WEB SEBAGAI SISTEM PENGOLAHAN NILAI SISWA DI SMK NEGERI 1 KUDUS</p> <p>Jurusan Pendidikan Teknik dan Kejuruan FKIP UNS, Vol 10, No 1 (2017), pp. 71-82</p>

	<p>Yusac Ismail Fauzi Widodo, Rosihan Ari Yuana, Dwi Maryono Software Development of Speed Typing Counter Application as a Typing Lesson Supporting Tool</p> <p>Indonesian Journal of Informatics Education (IJIE), Vol 1, No 1 (2017), pp. 20-29</p>		
	<p>Dian Mustikaningrum, Dwi Maryono, Rosihan Ari Yuana The Comparison of the Discovery Learning and Project Based Learning and their Influences to Studentâ€™s Motivation to Learn Conditional Structure Programming</p> <p>Indonesian Journal of Informatics Education (IJIE), Vol 1, No 1 (2017), pp. 39-43</p>		
	<p>Slamet Kurniawan Fahrurrozi, Dwi Maryono, Cucuk Budiyo The Development of Video Learning to Deliver a Basic Algorithm Learning</p> <p>Indonesian Journal of Informatics Education (IJIE), Vol 1, No 2 (2017), pp. 49-56</p>		
	<p>Binti Arifah Mardiasuti, Dwi Maryono, Rosihan Ari Yuana The Implementation of NHT and GQGA Learning Model to Enhance Studentâ€™s Liveliness and Cognitive Learning Outcomes.</p> <p>Indonesian Journal of Informatics Education (IJIE), Vol 1, No 1 (2017), pp. 44-53</p>		
	<p>Anggun Nofitasari, Rosihan Ari Yuana, Dwi Maryono The Use of Robomind Application in Problem Based Learning Model to Enhance the Studentâ€™s Understanding on the Conceptual Programming Algorithm</p> <p>Indonesian Journal of Informatics Education (IJIE), Vol 1, No 1 (2017), pp. 9-18</p>		
Activities in specialist bodies over the last 5 year			
	Organization	Role	Period
	Education And Informatics Technology	Member	2016-Now
	Seni Budaya dan Industri Kreatif	Member	2021-Now
	MENSIK (Menejemen Seni dan Industri Kreatif)	Member	2016-2021



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Position	Associate Professor		
NIP/NIK	197909012002121001		
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Academic Career			
	Bachelor	Universitas Sebelas Maret	2001
	Master	Universitas Gadjah Mada	2005
Employment			
	Position	Employer	Period
	Lecturer	Universitas Sebelas Maret	2002
	Senior Lecturer	Universitas Sebelas Maret	2006
	Assistant Professor	Universitas Sebelas Maret	2016
	Associate Professor	Universitas Sebelas Maret	2021
Research and development projects over the last 5 years			
	Project Title	Period	Amount of financing

	Integrating Educational Robotics into Regular Curricula: Developing Computational Thinking Skill to Tackle the Challenges of Digital Illiteracy	2021	60.000.000	
	Optimalisasi Adaptive Learning pada Pembelajaran Jarak Jauh melalui Sistem Penunjang Keputusan dengan Algoritma Simple Additive Weight (SAW)	2021	15.200.000	
	Integrating Educational Robotics into Regular Curricula: Developing Computational Thinking Skill to Tackle the Challenges of Digital Illiteracy	2020	39.197.000	
	Pengembangan Laboratorium Internet of Things untuk Menjembatani Transformasi Digital dalam Dunia Pendidikan	2020	85.337.000	
	Model Web API Remote Code Compiler sebagai Pendukung Pembelajaran Adaptif Pemrograman Komputer	2019	38.000.000	
	Penerapan EDUCATIONAL ROBOTICS sebagai Inovasi Pembelajaran bagi Calon Guru di Prodi Pendidikan Teknik Informatika dan Komputer FKIP UNS	2019	93.750.000	
Community service over the last 5 years				
	Project Title	Partner	Period	Amount of financing
	Aplikasi Geographical Information Systems (GIS) untuk Pemetaan Potensi Desa Matesih Menuju Desa Digital	Matesih	2021	7.000.000
	Sosialisasi Pembelajaran Efektif Berbasis Daring Sinkron dan Asinkron di Masa Pandemi untuk Guru SD di Surakarta	SD Surakarta	2020	-
	Juri Essay SUMMIT 2019 - Lomba Karya Tulis Ilmiah, Esai, dan Poster	Essay SUMMIT	2019	-
	Workshop ICT SMA Negeri 1 Girimarto Wonogiri	SMA N 1 Girimarto	2019	-

Industry collaborations over the last 5 years		
	Project Title	Partner
	Development of online learning module "Python for data analysis"	PT Haruka Evolusi Digital Utama
	Writing a mathematics textbook for high school "Perspektif Matematika"	PT Tiga Serangkai Pustaka Mandiri
	Writing a textbook “Konsep dan Implementasi Pemrograman Python, Kasus Big Data“	Lokomedia Publisher
	Prioritaskan Anak Indonesia (PADI) Project	Liliane Foundation & NLR Indonesia
Patents and proprietary rights		
	Sistem Informasi Pemantauan Tugas Akhir (SIPTA)	2019
	Aplikasi GIS (Geographical Information System) Untuk Pemetaan	2021
	RCODE-X : Aplikasi Remote Script Interpreter Berbasis Web API	2019
	RCODE-Y	2019
	Sistem Penunjang Keputusan Penentuan Strategi Belajar Dengan Algoritma SAW	2019
Important publications over the last 5 years	Selected recent publications from a total of approx. (55):	
	Puspanda Hatta, Yusfia Hafid Aristyagama, Rosihan Ari Yuana, Septi Yulisetiani Active Learning Strategies in Synchronous Online Learning for Elementary School Students Indonesian Journal of Informatics Educatio, Volume 4, Number 2 (2020), Pages 8	
	Safrudin, F M; Budiyanto, C W; Yuana, R A. The Influence of Educational Robotics to Abstraction Skill in High School Journal of Physics: Conference Series; Bristol Vol. 1808, Iss. 1, (Mar 2021), Pages 01 - 06	

	<p>Hanif, Q; Budiyanto, C W; Yuana, R A. Abstract Thinking Skills of High School Students in STEM Learning: Literature Review</p> <p>Journal of Physics: Conference Series; Bristol Vol. 1808, Iss. 1, (Mar 2021), Pages 01 - 05</p>
	<p>Aris Budianto, Rosihan Ari Yuana PERANCANGAN INTELLIGENT TUTORING SYSTEM UNTUK PEMBELAJARAN JARINGAN KOMPUTER</p> <p>JURNAL SISTEMASI SISTEM INFORMASI, Volume 8, Number 1 (2019), Pages 28 - 39</p>
	<p>Dwi Maryono, Puspanda Hatta, Rosihan Ariyuana Implementation of Numerical Attribute Discretization for Outlier Detection on Mixed Attribute Dataset</p> <p>International Conference on Information and Communications Technology, ICOIACT 2018, pp. 715–718</p>
	<p>Ratih Isnaini, Basori, Rosihan Ari Yuana, Dwi Maryono Designing Android reward system application in education to improve learning quality</p> <p>IEE Xplore, 2017 4th International Conference on Information Technology, Computer, and Electrical Engineering (ICITACEE)</p>
	<p>Yuliana Ariyanti, Rosihan Ari Yuana, Aris Budianto Web-based geographic information system for school mapping and disaster mitigation</p> <p>IEE Xplore, 2018 International Conference on Information and Communications Technology (ICOIACT), DOI: 10.1109/ICOIACT41508.2018, 6-7 March 2018</p>
	<p>Feri Ardiana Aristawati, Rosihan Ari Yuana, Cucuk Budiyanto Adopting Educational Robotics to Enhance Undergraduate Studentsâ€™ Self-Efficacy Levels of Computational Thinking</p> <p>Journal of Turkish Science Education, Volume 15 No. Special (2018): Special Issue, page : 42-45</p>
	<p>Rosihan Ari Yuana, Dewanto Harjunowibowo, Nugraha Arif Karyanta, Cucuk Wawan Budiyanto Data Similarity Filtering of Wartegg Personality Test Result using Cosine-Similarity</p> <p>International Journal of Recent Contributions from Engineering, Science & IT; Volume 6 No.3(2018), page : 19-28</p>
	<p>Aris Budianto, Rosihan Ariyuana, Dwi Maryono PERBANDINGAN K-NEAREST NEIGHBOR (KNN) DAN SUPPORT VECTOR MACHINE (SVM) DALAM PENGENALAN</p>

	<p>KARAKTER PLAT KENDARAAN BERMOTOR</p> <p>Jurnal Ilmiah Pendidikan Teknik dan Kejuruan, Volume 11 No.1(2018), page : 01-07</p>
	<p>Isabela Maharani, Aris Budianto, Rosihan Ari Yuana Sistem Rekomendasi Bursa Kerja Khusus (BKK) SMK Dengan Metode Simple Additive Weighting</p> <p>JURNAL SISTEMASI SISTEM INFORMASI, Volume 7, Number 3 (2018), Pages 220 - 229</p>
	<p>Nur Hidayattur Rohmah, Yudianto Sujana, Rosihan Ari Yuana AR-KIO: Augmented Reality-based Application as Instructional Media on Input and Output Device Component</p> <p>Indonesian Journal of Informatics Education Volume 1, Number 2 (2017), Page : 57-64</p>
	<p>Nurul Azmi, Dwi Maryono, Rosihan Ari Yuana Development of an Android-based Learning Media Application for Visually Impaired Students</p> <p>Indonesian Journal of Informatics Education Volume 1, Number 1 (2017), Page : 61-68</p>
	<p>Irma Nuur Rochmah, Rosihan Ari Yuana, Dwi Maryono Making of Evalutionâ€™s Information System of Lecturer's Lecture and Majorâ€™s Service Based Web in PTIK Major FKIP UNS</p> <p>Indonesian Journal of Informatics Education Volume 1, Number 2 (2017), Page : 65-75</p>
	<p>Yusac Ismail Fauzi Widodo, Rosihan Ari Yuana, Dwi Maryono Software Development of Speed Typing Counter Application as a Typing Lesson Supporting Tool</p> <p>Indonesian Journal of Informatics Education Volume 1, Number 1 (2017), Page : 19-29</p>
	<p>Dian Mustikaningrum, Dwi Maryono, Rosihan Ari Yuana The Comparison of the Discovery Learning and Project Based Learning and their Influences to Studentâ€™s Motivation to Learn Conditional Structure Programming</p> <p>Indonesian Journal of Informatics Education Volume 1, Number 1 (2017), Page : 38-43</p>
	<p>Binti Arifah Mardiasuti, Dwi Maryono, Rosihan Ari Yuana The Implementation of NHT and GQGA Learning Model to Enhance Studentâ€™s Liveliness and Cognitive Learning Outcomes.</p>

	<div>Indonesian Journal of Informatics Education Volume 1, Number 1 (2017), Page : 44-53</div> <div>Anggun Nofitasari, Rosihan Ari Yuana, Dwi Maryono The Use of Robomind Application in Problem Based Learning Model to Enhance the Studentâ€™s Understanding on the Conceptual Programming Algorithm</div> <div>Indonesian Journal of Informatics Education Volume 1, Number 1 (2017), Page : 07-18</div>															
Activities in specialist bodies over the last 5 year	<table><tr><th>Organization</th><th>Role</th><th>Period</th></tr><tr><td>Information Systems for Sustainable Development</td><td>Member</td><td>2018-Now</td></tr><tr><td>Renewable Energy and Society</td><td>Member</td><td>2019-2021</td></tr><tr><td>Education and Informatics Technology</td><td>Member</td><td>2016-2019</td></tr><tr><td>Information System</td><td>Member</td><td>2016-2018</td></tr></table>	Organization	Role	Period	Information Systems for Sustainable Development	Member	2018-Now	Renewable Energy and Society	Member	2019-2021	Education and Informatics Technology	Member	2016-2019	Information System	Member	2016-2018
Organization	Role	Period														
Information Systems for Sustainable Development	Member	2018-Now														
Renewable Energy and Society	Member	2019-2021														
Education and Informatics Technology	Member	2016-2019														
Information System	Member	2016-2018														



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Academic Career

Bachelor	Universitas Gadjah Mada	2005
Master	Universitas Gadjah Mada	2016

Employment

Position	Employer	Period
Senior Lecturer	Universitas Sebelas Maret	2018

Research and development projects over the last 5 years

Project Title	Period	Amount of financing
Penerapan EDUCATIONAL ROBOTICS sebagai Inovasi Pembelajaran bagi Calon Guru di Prodi Pendidikan Teknik Informatika dan Komputer FKIP UNS	2019	93.750.000

Community service over the last 5 years

Project Title	Partner	Period	Amount of financing
Teknologi Image Recognition berbasis Arduino untuk Optimalisasi	Desa Semagar	2019	28.000.000

	<table border="1"> <tr> <td>Panen Petik Merah pada Kebun Kopi Rakyat Dusun Tritis Desa Semagar Kecamatan Girimarto Kabupaten Wonogiri.</td><td></td><td></td><td></td></tr> </table>	Panen Petik Merah pada Kebun Kopi Rakyat Dusun Tritis Desa Semagar Kecamatan Girimarto Kabupaten Wonogiri.				
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Industry collaborations over the last 5 years	<table border="1"> <tr> <th>Project Title</th><th>Partner</th></tr> <tr> <td></td><td></td></tr> </table>	Project Title	Partner			
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Patents and proprietary rights	-					
Important publications over the last 5 years	<p>Selected recent publications from a total of approx. (31):</p> <table border="1"> <tr> <td> Puspanda Hatta, Dimmapraha Fatuardi Dadungawigra, Aris Budianto Design and Implementation of Microcontroller-Based Building Automation for Smart Computer Laboratory Indonesian Journal of Informatics Education Volume 3, Number 2 (2019), Page : 06-18 </td></tr> <tr> <td> Aris Budianto, Rosihan Ari Yuana PERANCANGAN INTELLIGENT TUTORING SYSTEM UNTUK PEMBELAJARAN JARINGAN KOMPUTER JURNAL SISTEMASI SISTEM INFORMASI, Volume 8, Number 1 (2019), Pages 28 - 39 </td></tr> <tr> <td> Aris Budianto, Rosyid Esanudin, Puspanda Hatta Rancang Bangun Sistem Informasi Pengolah Nilai Sekolah Dasar untuk Kurikulum 2013 Jurnal Edukasi & Penelitian Informatika(JEPIN), Volume 5, Number 2 (2019), Page : 2 </td></tr> <tr> <td> Yuliana Ariyanti, Rosihan Ari Yuana, Aris Budianto Web-based geographic information system for school mapping and disaster mitigation IEE Xplore, 2018 International Conference on Information and Communications Technology (ICOIACT), DOI: 10.1109/ICOIACT41508.2018, 6-7 March 2018 </td></tr> <tr> <td>Aris Budianto</td></tr> </table>	Puspanda Hatta, Dimmapraha Fatuardi Dadungawigra, Aris Budianto Design and Implementation of Microcontroller-Based Building Automation for Smart Computer Laboratory Indonesian Journal of Informatics Education Volume 3, Number 2 (2019), Page : 06-18	Aris Budianto, Rosihan Ari Yuana PERANCANGAN INTELLIGENT TUTORING SYSTEM UNTUK PEMBELAJARAN JARINGAN KOMPUTER JURNAL SISTEMASI SISTEM INFORMASI, Volume 8, Number 1 (2019), Pages 28 - 39	Aris Budianto, Rosyid Esanudin, Puspanda Hatta Rancang Bangun Sistem Informasi Pengolah Nilai Sekolah Dasar untuk Kurikulum 2013 Jurnal Edukasi & Penelitian Informatika(JEPIN), Volume 5, Number 2 (2019), Page : 2	Yuliana Ariyanti, Rosihan Ari Yuana, Aris Budianto Web-based geographic information system for school mapping and disaster mitigation IEE Xplore, 2018 International Conference on Information and Communications Technology (ICOIACT), DOI: 10.1109/ICOIACT41508.2018, 6-7 March 2018	Aris Budianto
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Aris Budianto						

	Automac License Plate Recognition: A Review with Indonesian Case Study Scientific Journal of Informatics(SJI), Volume 5, Number 2 (2018), Page : 2		
	Aris Budianto, Rosihan Ariyuana, Dwi Maryono PERBANDINGAN K-NEAREST NEIGHBOR (KNN) DAN SUPPORT VECTOR MACHINE (SVM) DALAM PENGENALAN KARAKTER PLAT KENDARAAN BERMOTOR Jurnal Ilmiah Pendidikan Teknik dan Kejuruan, Volume 11 No.1(2018), page : 01-07		
	Isabela Maharani, Aris Budianto, Rosihan Ari Yuana Sistem Rekomendasi Bursa Kerja Khusus (BKK) SMK Dengan Metode Simple Additive Weighting JURNAL SISTEMASI SISTEM INFORMASI, Volume 7, Number 3 (2018), Pages 220 - 229		
	Septian Nugroho, Cucuk Wawan Budiyanto, Aris Budianto Technology Acceptance Model for Examining the Feasibility of a Computer-based Test System (an Indonesian Context) <i>Indonesian Journal of Informatics Education</i> , 2(2), 105-116.		
	Kaisah Riski Zubaeti, Aris Budianto, Dwi Maryono Development of Decision-making Support System to Determine the Feasibility of the Job Training Industry Using Simple Additive Weighting Method Indonesian Jurnal of Informatics Education, Vol 1, No 2 (2017), pp. 17 –28		
	Muhammad Hassan Massaty, Yudianto Sujana, Aris Budianto Sekar Indonesia: Interactive Android-Based Learning Media for History Learning Indonesian Journal of Informatics Education Volume 1, Number 2 (2017), Page : 29-40		
Activities in specialist bodies over the last 5 year			
	Organization	Role	Period
	Technical Vocational Education and Training (TVET)	Member	2019-Now
	Education And Informatics Technology	Member	2016-2021

	Information Systems for Sustainable Development	Member	2018-2019
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Academic Career

Bachelor	Universitas Diponegoro	2003
Master	Universitas Gadjah Mada	2013

Employment

Position	Employer	Period
Lecturer	Universitas Sebelas Maret	2017
Senior Lecturer	Universitas Sebelas Maret	2018

Research and development projects over the last 5 years

Project Title	Period	Amount of financing
Analisis Profesionalitas Guru Ditinjau dari Kawasan Teknologi Pembelajaran Dalam Mengembangkan Media Pembelajaran Berbasis Augmented Reality (AR)	2021	15.300.000

	Sistem Pendukung Keputusan Grouping People Dengan Algoritma ASP (Kombinasi AHP, SAW dan Simple Permutation)	2021	12.700.000	
	Pengembangan Aplikasi Android untuk Diagnosa Mandiri Covid-19 Menggunakan Algoritma Multi-Criteria Decision Making (MCDM) Sebagai Pengambil Keputusan	2020	13.500.000	
	Sistem Pendukung Keputusan Pemilihan Program Studi dengan Pendekatan Dua Arah dan Metode TOPSIS	2020	15.000.000	
	Analisis Penerapan Game-Based Learning (GBL) Dengan Role-Playing Game (RPG) Untuk Meningkatkan 21 Century Skills Pada Kompetensi Keahlian Jaringan Komputer	2019	-	
	Analisis dan Pengembangan Protokol Otomasi Jaringan Berbasis Software Defined Networking untuk Efisiensi Pengelolaan Multinode Server	2019	45.500.000	
Community service over the last 5 years				
	Project Title	Partner	Period	Amount of financing
	PKM Pembangunan Bank Sampah “BAROKAH” Sebagai Alternatif Pemberdayaan Sampah Untuk Meningkatkan Kesejahteraan Masyarakat di Wilayah Kampung Tegalsari, Kelurahan Bejen Karanganyar	Tegalsari	2021	25.400.000
	Implementasi Google Suite for Education Untuk Peningkatan Proses Belajar Mengajar di Era Pandemi Covid 19 di SMPN 2 Surakarta	SMP N 2 Surakarta	2021	7.500.000
	Pemanfaatan Sistem Pendukung Keputusan Pemilihan Program Studi	SMKIT Informatika	2020	5.000.000

	<table><tr><td>di Universitas Sesuai Minat Bakat Untuk Siswa SMKIT Informatika</td><td></td><td></td><td></td></tr><tr><td>Workshop ICT SMA Negeri 1 Girimarto Wonogiri</td><td>SMA Negeri 1 Girimarto</td><td>2019</td><td>-</td></tr></table>				di Universitas Sesuai Minat Bakat Untuk Siswa SMKIT Informatika				Workshop ICT SMA Negeri 1 Girimarto Wonogiri	SMA Negeri 1 Girimarto	2019	-
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Patents and proprietary rights	<table><tr><td>Sistem Informasi Laboratorium Terpadu</td><td>2020</td></tr><tr><td>Buku Panduan Instalasi Dan Implementasi Augmented Reality Menggunakan Unity 3D 2019.1.14f1 Dan Vuforia SDK</td><td>2021</td></tr></table>				Sistem Informasi Laboratorium Terpadu	2020	Buku Panduan Instalasi Dan Implementasi Augmented Reality Menggunakan Unity 3D 2019.1.14f1 Dan Vuforia SDK	2021				
Sistem Informasi Laboratorium Terpadu	2020											
Buku Panduan Instalasi Dan Implementasi Augmented Reality Menggunakan Unity 3D 2019.1.14f1 Dan Vuforia SDK	2021											
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	<p>animation subject at Batik 2 Vocational School in Surakarta</p> <p>Indonesian Journal of Informaics Education(IJIE), Volume 3, Number 2 (2019), Page : 10 - 15</p>
	<p>Endar Suprih Wihidayat, Ovide D.W. Ardi</p> <p>Enhancing usability using Near Field Communication for mobile application</p> <p>MATEC Web Conf. ;Volume 154, 2018; The 2nd International Conference on Engineering and Technology for Sustainable Development (ICET4SD 2017), Page : 6</p>
	<p>Ahmad Fauzan Aji; Puspanda Hatta; Endar Suprih Wihidiyat</p> <p>QoS and RMA performance analysis for wireless mesh network implementation</p> <p>2018 International Conference on Information and Communications Technology (ICOIACT) 2018, pp. 254-258</p>
	<p>Liska Mey Ika Sari, Puspanda Hatta, Endar Suprih Wihidayat, FENG Xiao</p> <p>A COMPARISON BETWEEN THE USE OF CISCO PACKET TRACER AND GRAPHICAL NETWORK SIMULATOR 3 AS LEARNING MEDIA ON STUDENTSâ€™ ACHIEVEMENT</p> <p>Jurnal Pendidikan Teknologi dan Kejuruan; Vol : 24 No 1 2018, page : 132-136</p>
	<p>Septhea Pradina Mustofa, Endar S. Wihidayat, Puspanda Hatta</p> <p>Can the Use of Video Learning Increase Studentâ€™s Interest in Traditional Music?</p> <p>Indonesian Journal of Informatics Education Volume 2, Number 1, Page : 13-20</p>
	<p>Cucuk Wawan Budiyanto, Indah Widiastuti, Endar Suprih Wihidayat</p> <p>Introducing Indigenous Culture into Online-based Courses</p> <p><i>Pertanika Journal of Social Science & Humanities</i>, 25, 73-84.</p>
	<p>Fadila Aini Atista, Puspanda Hatta, Endar S Wihidayat</p> <p>Development of Letshoot Applications as an Instructional Media of Computer Network Troubleshooting</p> <p>Indonesian Journal of Informatics Education Volume 1, Number 2 (2017), Page : 8</p>
	<p>Endar Suprih Wihidayat, Endar Suprih Wihidayat</p> <p>Pengembangan Aplikasi Android Menggunakan Integrated Development Environment (IDE) App Inventor 2</p> <p>Jurnal Ilmiah Edutic, Vol 4, No 1 (2017), pp 1-12</p>

Activities in specialist bodies over the last 5 year			
	Organization	Role	Period
	Education and Informatics Technology	Member	2016-Now
	Data, Information and Knowledge Engineering	Member	2019-2021
	Information System	Member	2016-2019



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NIP/NIK	198106152008121003		
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Academic Career			
	Associate	STIE Jakarta International College	2002
	Master	Universitas Gadjah Mada	2008
Employment			
	Position	Employer	Period
	Senior Lecturer	Universitas Sebelas Maret	2014
Research and development projects over the last 5 years			
	Project Title	Period	Amount of financing
Community service over the last 5 years			
	Project Title	Partner	Period
Industry collaborations over the last 5 years			
	Project Title	Partner	

Patents and proprietary rights	-							
Important publications over the last 5 years	<p>Selected recent publications from a total of approx. (12):</p> <div> <p>Nurul Lailani Alifah, Endar Suprih Wihidayat, Yudianto Sujana Feasibility Study of Web-Based Internship's Information System Based on ISO 1926 Standard Indonesian Journal of Informatics Education Volume 3, Number 1 (2019), Page : 01 - 08</p> <p>Murni Ramli, Yudianto Sujana, Dyah Yuni Kurniawati, Nurul Kusuma Dewi, Mida Septi Karunia, Tri Ulya Wardati Qariah THE MEASUREMENT OF PHYSICAL ABILITY EARLY AGE CHILDREN BY ADOPTING JAPANESE INSTRUMENTS IN KLATEN Jurnal Indria Volume 3, Number 1 (2018), Page : 32-42</p> <p>Henrica Lukita, Yudianto Sujana, Cucuk Budiyanto Can Interactive Learning Improve Learning Experience? A Systematic Review of the Literature Advances in Social Science, Education and Humanities Research (ASSEHR) (2017), Page : 343-348</p> <p>Nur Hidayattur Rohmah, Yudianto Sujana, Rosihan Ari Yuana AR-KIO: Augmented Reality-based Application as Instructional Media on Input and Output Device Component Indonesian Journal of Informatics Education Volume 1, Number 2 (2017), Page : 57-64</p> <p>Muhammad Hassan Massaty, Yudianto Sujana, Aris Budianto Sekar Indonesia: Interactive Android-Based Learning Media for History Learning Indonesian Journal of Informatics Education Volume 1, Number 2 (2017), Page : 29-40</p> </div>							
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Organization	Role	Period						

	Education and Informatics Technology	Member	2016-Now
	Pusat Studi Jepang (Center for Japanese Studies)	Member	2014-Now



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Academic Career

Bachelor	Universitas Sebelas Maret	2011
Master	Universitas Gadjah Mada	2014

Employment

Position	Employer	Period
Lecturer	Universitas Sebelas Maret	2019
Senior Lecturer	Universitas Sebelas Maret	2021

Research and development projects over the last 5 years

Project Title	Period	Amount of financing
The 3rd Annual Engineering and Vocational Education Conference (AEVEC) - Strengthening Research in Engineering and Vocational Education by Aligning Linkage with industry	2021	50.000.000

	Optimalisasi Adaptive Learning pada Pembelajaran Jarak Jauh melalui Sistem Penunjang Keputusan dengan Algoritma Simple Additive Weight (SAW)	2021	15.200.000	
	Pengembangan Aplikasi Android untuk Diagnosa Mandiri Covid-19 Menggunakan Algoritma Multi-Criteria Decision Making (MCDM) Sebagai Pengambil Keputusan	2020	13.500.000	
	Pengembangan Laboratorium Internet of Things untuk Menjembatani Transformasi Digital dalam Dunia Pendidikan	2020	85.337.000	
	Analisis Penerapan Game-Based Learning (GBL) Dengan Role-Playing Game (RPG) Untuk Meningkatkan 21 Century Skills Pada Kompetensi Keahlian Jaringan Komputer	2019	-	
	Analisis dan Pengembangan Protokol Otomasi Jaringan Berbasis Software Defined Networking untuk Efisiensi Pengelolaan Multinode Server	2019	45.500.000	
	Penerapan EDUCATIONAL ROBOTICS sebagai Inovasi Pembelajaran bagi Calon Guru di Prodi Pendidikan Teknik Informatika dan Komputer FKIP UNS	2019	93.750.000	
Community service over last 5 years				
	Project Title	Partner	Period	Amount of financing
	KKN UNS JAN-FEB 2021 di SUKOHARJO	Sukoharjo	2021	-
	KKN UNS JUL-AGT 2021 di PEKALONGAN	Pekalongan	2021	-
	Aplikasi Geographical Information Systems (GIS) untuk Pemetaan Potensi Desa Matesih Menuju Desa Digital	Matesih	2021	7.000.000
	Sosialisasi Pembelajaran Efektif Berbasis Daring Sinkron dan Asinkron di	SD Surakarta	2020	-

	<table border="1"> <tr> <td>Masa Pandemi untuk Guru SD di Surakarta</td><td></td><td></td><td></td></tr> <tr> <td>Workshop ICT SMA Negeri 1 Girimarto Wonogiri</td><td>SMA N 1 Girimarto</td><td>2020</td><td>-</td></tr> </table>	Masa Pandemi untuk Guru SD di Surakarta				Workshop ICT SMA Negeri 1 Girimarto Wonogiri	SMA N 1 Girimarto	2020	-
Masa Pandemi untuk Guru SD di Surakarta									
Workshop ICT SMA Negeri 1 Girimarto Wonogiri	SMA N 1 Girimarto	2020	-						
Industry collaborations over the last 5 years	<table border="1"> <tr> <td>Project Title</td><td>Partner</td></tr> <tr> <td></td><td></td></tr> </table>	Project Title	Partner						
Project Title	Partner								
Patents and proprietary rights	<table border="1"> <tr> <td>Aplikasi GIS (Geographical Information System) Untuk Pemetaan Potensi Desa Matesih Menuju Desa Digital</td><td>2021</td></tr> <tr> <td>Sistem Informasi Borang Akreditasi Berbasis Web</td><td>2019</td></tr> <tr> <td>Sistem Informasi Monitoring Laporan Kinerja Program Studi</td><td>2019</td></tr> <tr> <td>Sistem Penunjang Keputusan Penentuan Strategi Belajar Dengan Algoritma SAW</td><td>2021</td></tr> </table>	Aplikasi GIS (Geographical Information System) Untuk Pemetaan Potensi Desa Matesih Menuju Desa Digital	2021	Sistem Informasi Borang Akreditasi Berbasis Web	2019	Sistem Informasi Monitoring Laporan Kinerja Program Studi	2019	Sistem Penunjang Keputusan Penentuan Strategi Belajar Dengan Algoritma SAW	2021
Aplikasi GIS (Geographical Information System) Untuk Pemetaan Potensi Desa Matesih Menuju Desa Digital	2021								
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Sistem Informasi Monitoring Laporan Kinerja Program Studi	2019								
Sistem Penunjang Keputusan Penentuan Strategi Belajar Dengan Algoritma SAW	2021								
Important publications over the last 5 years	<p>Selected recent publications from a total of approx. (37):</p> <table border="1"> <tr> <td> <p>Winda Annisa Salma, Basori Basori, Puspanda Hatta The Effectiveness and effect of Project-Based Blended Learning on Student Achievement in Online Learning at Surakarta, Indonesia</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 5 No 1 2021, page: 01 - 08</p> </td></tr> <tr> <td> <p>Febri Liantoni, Yusfia Hafid Aristyagama, Nurcahya Pradana Taufik Prakisy, Puspanda Hatta, Cucuk Wawan Budiyan Workshop and Motivation for Improving Student Skills through the Information and Communications Technology</p> <p>THE SPIRIT OF SOCIETY JOURNAL, Vol 5 No 1 2021, page: 33 - 39</p> </td></tr> <tr> <td> <p>Puspanda Hatta, Yusfia Hafid Aristyagama, Rosihan Ari Yuana, Septi Yulisetiani Active Learning Strategies in Synchronous Online Learning for Elementary School Students</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 4 No 2 2020, page: 8</p> </td></tr> </table>	<p>Winda Annisa Salma, Basori Basori, Puspanda Hatta The Effectiveness and effect of Project-Based Blended Learning on Student Achievement in Online Learning at Surakarta, Indonesia</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 5 No 1 2021, page: 01 - 08</p>	<p>Febri Liantoni, Yusfia Hafid Aristyagama, Nurcahya Pradana Taufik Prakisy, Puspanda Hatta, Cucuk Wawan Budiyan Workshop and Motivation for Improving Student Skills through the Information and Communications Technology</p> <p>THE SPIRIT OF SOCIETY JOURNAL, Vol 5 No 1 2021, page: 33 - 39</p>	<p>Puspanda Hatta, Yusfia Hafid Aristyagama, Rosihan Ari Yuana, Septi Yulisetiani Active Learning Strategies in Synchronous Online Learning for Elementary School Students</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 4 No 2 2020, page: 8</p>					
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	<p>Septi Yulisetiani, Puspanda Hatta Conceptual IoT Implementation in Post-Pandemic School Activities: A Case Study in Elementary Schools</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 5 No 2 2021, page: 47 - 58</p>
	<p>Dini Erlinawati, Basori Basori, Puspanda Hatta Instructional Design to Improve Students' Entrepreneurial Affective</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 5 No 2 2021, page: 59 - 67</p>
	<p>Titan Istiah Herwati, Basori Basori, Puspanda Hatta Exploration of Critical Thinking Skills in Digital Citizenship Course Through Online Learning</p> <p>Jurnal Ilmiah Pendidikan Teknik Kejuruan, Vol 4 No 1 2020, page: 17 - 23</p>
	<p>M Rifki Affandi, Puspanda Hatta, Agus Efendi Otomatisasi Perangkat Jaringan Komputer Menggunakan Ansible Pada Laboratorium Komputer</p> <p>SMARTICS JOURNAL, Vol 6 No 2 2020, page: 01 - 06</p>
	<p>Asti Amalina Puspitaningrum, Endar Suprih Wihidayat, Pusanda Hatta PENGEMBANGAN MEDIA PEMBELAJARAN BERBASIS ANDROID PADA MATERI ROUTING STATIS</p> <p>Jurnal Ilmiah EDUTIC Pendidikan dan Informatika, VOI 6 No 1 2019, page : 31 - 38</p>
	<p>Liantoni, Febri; Nurcahya Pradana Taufik Prakisyah; Yusfia, Hafid Aristyagama; Hatta, Puspanda. Comparative Analysis of Hierarchical Clustering with Improve Feature for Herbs Leaves</p> <p>Journal of Physics: Conference Series; Bristol Vol. 1808, Iss. 1</p>
	<p>Nurcahya Pradana Taufik Prakisyah, Febri Liantoni, Puspanda Hatta, Yusfia Hafid Aristyagama and Andika Setiawan Utilization of K-nearest neighbor algorithm for classification of white blood cells in AML M4, M5, and M7</p> <p>Open Engineering 2021; Vol 11: page 662–668 De Gruyter</p>
	<p>Puspanda Hatta and Cucuk Wawan Budiyo Alleviate the contending issues in network operating system courses: Psychomotor and troubleshooting skill development with Raspberry Pi</p>

	Open Engineering 2021; Vol 11: page 772–781 De Gruyter
	Nurchaya Pradana Taufik Prakisy, Febri Liantoni, Yusfia Hafid Aristyagama, Puspanda Hatta Classification of Acute Myeloid Leukemia Subtypes M1, M2 and M3 Using K-Nearest Neighbor International Journal on Advanced Science, Engineering and Information Technology, Vol. 11 (2021) No. 5, pages: 1847-1853
	Puspanda Hatta, Dimmapraha Dadungawigra, Aris Budianto Design and Implementation of Microcontroller-Based Building Automation for Smart Computer Laboratory Indonesian Journal of Informatics Education Volume 3, Number 2, Page : 06 - 18
	Fahru Roszy Mahtuf, Puspanda Hatta, Endar Suprih Wihidiyat Pengembangan Laboratorium Virtual untuk Simulasi Uji Penetrasi Sistem Keamanan Jaringan Journal of Information Technology and Computer Science; Vol : 4 No 1 2019, page : 17 - 22
	Aris Budianto, Rosyid Esanudin, Puspanda Hatta Rancang Bangun Sistem Informasi Pengolah Nilai Sekolah Dasar untuk Kurikulum 2013 Jurnal Edukasi & Penelitian Informatika; Vol : 5 No 2 2019, page : 2
	Dwi Maryono, Puspanda Hatta, Rosihan Ariyuana Implementation of Numerical Attribute Discretization for Outlier Detection on Mixed Attribute Dataset 2018 International Conference on Information and Communications Technology, ICOIACT 2018, 2018, 2018-January, pp. 715–718
	Puspanda Hatta; Agus Efendi; Ahmad Fauzan Aji; S Yoni Yuliawan Implementation and Performance Measurement of Microcomputer as Multimedia Server for Supporting E-Learning Infrastructure 2017 3rd International Conference on Science in Information Technology (ICSITech) 2017, pp. 471-476
	Ahmad Fauzan Aji; Puspanda Hatta; Endar Suprih Wihidiyat QoS and RMA performance analysis for wireless mesh network implementation 2018 International Conference on Information and Communications Technology (ICOIACT) 2018, pp. 254-258

	<p>Liska Mey Ika Sari, Puspanda Hatta, Endar Suprih Wihidayat, FENG Xiao A COMPARISON BETWEEN THE USE OF CISCO PACKET TRACER AND GRAPHICAL NETWORK SIMULATOR 3 AS LEARNING MEDIA ON STUDENTS'™ ACHIEVEMENT</p> <p>Jurnal Pendidikan Teknologi dan Kejuruan; Vol : 24 No 1 2018, page : 132-136</p>		
	<p>Septhea Pradina Mustofa, Endar S. Wihidayat, Puspanda Hatta Can the Use of Video Learning Increase Student's™s Interest in Traditional Music?</p> <p>Indonesian Journal of Informatics Education Volume 2, Number 1, Page : 13-20</p>		
	<p>Fadila Aini Atista, Endar S. Wihidayat, Puspanda Hatta Design and Development of Smart Basnet Applications as a Basic Computer Networking Learning Media for First Grade Student of Vocational High School</p> <p>Indonesian Journal of Informatics Education Volume 1, Number 1, Page : 69-78</p>		
	<p>Fadila Aini Atista, Puspanda Hatta, Endar S Wihidayat Development of Letshoot Applications as an Instructional Media of Computer Network Troubleshooting</p> <p>Indonesian Journal of Informatics Education Volume 1, Number 2 (2017), Page : 8</p>		
	<p>Ibrahim Wahyu Saputra, Cucuk Wawan Budiyanto, Puspanda Hatta The Development of a Competency Testing Systems: Adopting TAM to Explore User's Acceptance</p> <p>Indonesian Journal of Informatics Education Volume 1, Number 2 (2017), Page : 01 - 08</p>		
Activities in specialist bodies over the last 5 year			
	Organization	Role	Period
	Information Systems for Sustainable Development	Member	2018-Now
	Education and Informatics Technology	Member	2016-2019
	ADGVI	Member	2021-2025



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Academic Career

Bachelor	Institut Teknologi Sepuluh Nopember	2010
Master	Institut Teknologi Sepuluh Nopember	2015

Employment

Position	Employer	Period
Lecturer	Universitas Sebelas Maret	2019
Senior Lecturer	Universitas Sebelas Maret	2021

Research and development projects over the last 5 years

Project Title	Period	Amount of financing
Optimalisasi Adaptive Learning pada Pembelajaran Jarak Jauh melalui Sistem Penunjang Keputusan dengan Algoritma Simple Additive Weight (SAW)	2021	15.200.000
PENERAPAN METODE HAAR-LIKE PADA KLASIFIKASI BUAH TOMAT	2020	-

	<table><tr><td>MENGGUNAKAN K-NEAREST NEIGHBOR BERBASIS ANDROID</td><td></td><td></td></tr></table>				MENGGUNAKAN K-NEAREST NEIGHBOR BERBASIS ANDROID															
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Project Title	Partner	Period	Amount of financing																	
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Industry collaborations over the last 5 years	<table><tr><th>Project Title</th><th>Partner</th></tr><tr><td></td><td></td></tr></table>				Project Title	Partner														
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	<p>Aristyagama Peningkatan HSV dan Haar-Like Feature pada Aplikasi Identifikasi Kematangan Buah Tomat Berbasis Android</p> <p>Jurnal Sistem dan teknologi Informasi, Vol 9 No 1 2021, page: 70-74</p>
	<p>Calvin Mikhailouzna Gibran, Sulis Setiyawati, Febri Liantoni Prediksi Penambahan Kasus Covid-19 Di Indonesia Menggunakan Pendekatan Time Series Dengan Metode Exponential Smoothing</p> <p>Jurnal Informatika Universitas Pamulang, Vol 6 No 1 2021, page: 112-117</p>
	<p>Febri Liantoni, Yusfia Hafid Aristyagama, Nurcahya Pradana Taufik Prakisy, Puspanda Hatta, Cucuk Wawan Budiyan Workshop and Motivation for Improving Student Skills through the Information and Communications Technology</p> <p>International Jurnal of Society Development and Engagement, Vol 5 No 1 2021</p>
	<p>F Liantoni, N F Rozi, T Indriyani, W M Rahmawati and R K Hapsari Gradient based ant spread modification on ant colony optimization method for retinal blood vessel edge detection</p> <p>IOP Conference Series: Materials Science and Engineering, Vol 1010 (2021), page: 1-8</p>
	<p>Febri Liantoni, Nurcahya Pradana Taufik Prakisy, Yusfia Hafid Aristyagama, Puspanda Hatta Comparative Analysis of Hierarchical Clustering with Improve Feature for Herbs Leaves</p> <p>Journal of Physics: Conference Series, Vol 1808 (2021), page: 1-10</p>
	<p>Nurcahya Pradana Taufik Prakisy, Febri Liantoni, Puspanda Hatta, Yusfia Hafid Aristyagama, and Andika Setiawan Utilization of K-nearest neighbor algorithm for classification of white blood cells in AML M4, M5, and M7</p> <p>Open Engineering 2021; Vol 11: page 662–668 De Gruyter</p>
	<p>B. M. A. S. Anaconda Bangkara, Irma Rachmawati, Febri Liantoni, A. Nururrochman Hidayatulloh, Abin Suarsa Optimizing health leadership in early prevention efforts in village communities: Review of public health database</p> <p>International Journal of Health Sciences, Vol 5 No 3 202, page: 352-363</p>

	<p>Nurchaya Pradana Taufik Prakisy, Febri Liantoni, Yusfia Hafid Aristyagama, Puspanda Hatta Classification of Acute Myeloid Leukemia Subtypes M1, M2 and M3 Using K-Nearest Neighbor</p> <p>International Journal on Advance Science Engineering Information Technolog, Vol 11 No 5 2021, pages: 1847-1853</p>		
	<p>Febri Liantoni, Coana Sukmagautama, Risalina Myrtha Increased Mammogram Image Contrast Using Histogram Equalization And Gaussian In The Classification Of Breast Cancer</p> <p>Journal of Information Technology & Computer Engineering, Vol 4 No 1 2020, page; 40-44</p>		
	<p>Febri Liantoni, Agus Santoso Perbaikan Konstras Citra Mammogram pada Klasifikasi Kanker Payudara Berdasarkan fitur Gray-Level Co-Occurrence Matrix</p> <p>Science and Information Teknologi Journal, Vol 3 No 1 2020, page: 46-51</p>		
	<p>Nur Hijrah As Salam Al Ihsan, Hanifah Hanun Dzakiyah, Febri Liantoni Perbandingan Metode Single Exponential Smoothing dan Metode Holt untuk Prediksi Kasus COVID-19 di Indonesia</p> <p>Ultimatics: Jurnal teknik Informatika, Vol 12 No 2 2020, page: 89-94</p>		
	<p>Febri Liantoni, Hendro Nugroho Klasifikasi Kematangan Semangka Berdasarkan Ekstraksi Ciri Statistik Order Pertama Dengan Ekualisasi Histogram</p> <p>Informatika Pertanian, Vol. 28 No.1, Juni 2019 : 43 - 48</p>		
Activities in specialist bodies over the last 5 year			
	Organization	Role	Period
	Information Systems for Sustainable Development	Member	2019-Now
	ICT dan Kecerdasan Buatan	Member	2019-2021
	ADGVI	Member	2021-2025



**Yusfia Hafid Aristyagama, S.T.,
M.T.**

Position	Lecturer		
NIP/NIK	199105242019031016		
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Academic Career			
	Bachelor	Universitas Telkom	2013
	Master Degree	Institut Teknologi Bandung	2017
Employment			
	Position	Employer	Period
	Mobile App Developer	Afrakids 4d	
	Programmer	PPTIK	
	Academic Information System Developer	STiMB	
	Java Developer	X-Tremax Pte. Ltd.	2018
	Lecturer	Universitas Sebelas Maret	2019
Research and development projects over the last 5 years			
	Project Title	Period	Amount of financing

	Optimalisasi Adaptive Learning pada Pembelajaran Jarak Jauh melalui Sistem Penunjang Keputusan dengan Algoritma Simple Additive Weight (SAW)		2021	15.200.000
	PENERAPAN METODE HAAR-LIKE PADA KLASIFIKASI BUAH TOMAT MENGGUNAKAN K-NEAREST NEIGHBOR BERBASIS ANDROID		2020	-
Community service over the last 5 years				
	Project Title	Partner	Period	Amount of financing
	Aplikasi Geographical Information Systems (GIS) untuk Pemetaan Potensi Desa Matesih Menuju Desa Digital	Matesih	2021	7.000.000
	Sosialisasi Pembelajaran Efekfif Berbasis Daring Sinkron dan Asinkron di Masa Pandemi untuk Guru SD di Surakarta	SD Surakarta	2020	-
	Workshop ICT SMA Negeri 1 Girimarto Wonogiri	SMA N 1 Girimarto	2019	-
Industry collaborations over the last 5 years				
	Project Title	Partner		
	E-Patrol	Depok City Government		
	GIS Development	Matesih		
Patents and proprietary rights	Aplikasi GIS (Geographical Information System) Untuk Pemetaan Potensi Desa Matesih Menuju Desa Digital		2021	
	Sistem Penunjang Keputusan Penentuan Strategi Belajar Dengan Algoritma SAW		2021	
	Buku Panduan Instalasi Dan Implementasi Augmented Reality Menggunakan Unity 3D 2019.1.14f1 Dan Vuforia SDK		2021	

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<table><tr><td>Hatta, P., Aristyagama, Y., Yuana, R., & Yulisetiani, S. Active Learning Strategies in Synchronous Online Learning for Elementary School Students <i>Indonesian Journal of Informatics Education</i>, 4(2), 86-93.</td></tr></table>	Hatta, P., Aristyagama, Y., Yuana, R., & Yulisetiani, S. Active Learning Strategies in Synchronous Online Learning for Elementary School Students <i>Indonesian Journal of Informatics Education</i> , 4(2), 86-93.		
Hatta, P., Aristyagama, Y., Yuana, R., & Yulisetiani, S. Active Learning Strategies in Synchronous Online Learning for Elementary School Students <i>Indonesian Journal of Informatics Education</i> , 4(2), 86-93.			
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Activities in specialist bodies over the last 5			

year	Organization	Role	Period
	Information Systems for Sustainable Development	Member	2019-Now
	Pusat Studi Difabilitas (PSD)	Member	2021-Now
	ADGVI	Member	2021-2025



Nurcahya Pradana Taufik Prakisy, S.Kom., M.Cs.

Position

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Academic Career

Bachelor	Universitas Sebelas Maret	2013
Master	Universitas Gadjah Mada	2017

Employment

Web Programmer	Duxeos	2013-2014
Senior Software Engineer	PT. Sartika Mitrasejati	2014-2019
Lecturer	Universitas Sebelas Maret	2019
Senior Lecturer	Universitas Sebelas Maret	2021

Research and development projects over the last 5 years

Project Title	Period	Amount of financing
Deteksi Penyakit Daun Tomat Berdasarkan Tekstur Daun Menggunakan Algoritma Support Vector Machine	2021	14.100.000
Optimalisasi Adaptive Learning pada Pembelajaran Jarak Jauh melalui Sistem	2021	15.200.000

	Penunjang Keputusan dengan Algoritma Simple Additive Weight (SAW)			
	PERBANDINGAN KINERJA METODE STATIC THRESHOLDING DAN MULTI OTSU THRESHOLDING PADA SEGMENTASI CITRA ACUTE MYELOID LEUKEMIA M0 DAN M1	2020	15.000.000	
	PENERAPAN METODE HAAR-LIKE PADA KLASIFIKASI BUAH TOMAT MENGGUNAKAN K-NEAREST NEIGHBOR BERBASIS ANDROID	2020	-	
Community service over the last 5 years				
	Project Title	Partner	Period	Amount of financing
	"PENDAMPINGAN PEMBUATAN KARYA ILMIAH BAGI GURU SMK DALAM RANGKA PENINGKATAN PROFESIONALITAS GURU DI SMK NEGERI 1 GANTIWARNO KLATEN"	SMK N 1 Gantiwarno	2021	7.000.000
	PENDAMPINGAN PEMBUATAN VIDEO PEMBELAJARAN BAGI GURU SMA UNTUK MENUNJANG PENYELENGGARAAN KELAS VIRTUAL DI SMA NEGERI 1 KEMUSU BOYOLALI	SMAN 1 Kemusu	2021	7.000.000
	Aplikasi Geographical Information Systems (GIS) untuk Pemetaan Potensi Desa Matesih Menuju Desa Digital	Matesih	2021	7.000.000
	PEMBELAJARAN DAN PENDAMPINGAN GURU SMA DALAM RANGKA PENINGKATAN KOMPETENSI PENGOLAHAN DATA STATISTIK DENGAN MEMANFAATKAN SPSS	SMAN 1 Kemusu	2020	5.000.000

	<table><tr><td>DI SMA NEGERI 1 KEMUSU BOYOLALI</td><td></td><td></td><td></td></tr></table>				DI SMA NEGERI 1 KEMUSU BOYOLALI											
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Industry collaborations over the last 5 years	<table><tr><th>Project Title</th><th>Partner</th></tr><tr><td>Saddang River Irrigation Monitoring System</td><td>BBWS Pompengan Jeneberang</td></tr><tr><td>E-Patrol</td><td>Depok City Government</td></tr><tr><td>MSME Data Collection in the Bangka Belitung Province</td><td>Bangka Belitung Province Government</td></tr><tr><td>PASIGALA Drinking Water Supply System</td><td>BBWS Pompengan Jeneberang</td></tr><tr><td>Tempe Dam Monitoring System</td><td>BBWS Pompengan Jeneberang</td></tr></table>				Project Title	Partner	Saddang River Irrigation Monitoring System	BBWS Pompengan Jeneberang	E-Patrol	Depok City Government	MSME Data Collection in the Bangka Belitung Province	Bangka Belitung Province Government	PASIGALA Drinking Water Supply System	BBWS Pompengan Jeneberang	Tempe Dam Monitoring System	BBWS Pompengan Jeneberang
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Patents and proprietary rights	<table><tr><td>Aplikasi GIS (Geographical Information System) Untuk Pemetaan Potensi Desa Matesih Menuju Desa Digital</td><td>2021</td></tr><tr><td>Sistem Penunjang Keputusan Penentuan Strategi Belajar Dengan Algoritma SAW</td><td>2021</td></tr></table>				Aplikasi GIS (Geographical Information System) Untuk Pemetaan Potensi Desa Matesih Menuju Desa Digital	2021	Sistem Penunjang Keputusan Penentuan Strategi Belajar Dengan Algoritma SAW	2021								
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Sistem Penunjang Keputusan Penentuan Strategi Belajar Dengan Algoritma SAW	2021															
Important publications over the last 5 years	<p>Selected recent publications from a total of approx. (15):</p> <table><tr><td><p>Prakisya, N.P.T., Liantoni, F., Hatta, P., Aristyagama, Y.H.</p><p>Classification of Acute Myeloid Leukemia Subtypes M1, M2 and M3 Using K-Nearest Neighbor</p><p>International Journal on Advanced Science, Engineering and Information Technology, 2021, 11(5), pp. 1847–1853</p></td></tr><tr><td><p>Prakisya, N.P.T., Liantoni, F., Hatta, P., Aristyagama, Y.H., Setiawan, A.</p><p>Utilization of K-nearest neighbor algorithm for classification of white blood cells in AML M4, M5, and M7</p><p>Open Engineering, De Gruyter, 2021, Volume 11 Issue 1, pp. 662–66</p></td></tr><tr><td><p>Wiharto, Nashrullah, F.H., Suryani, E., Salamah, U., Prakisya, N.P.T., Setyawan, S.</p></td></tr></table>				<p>Prakisya, N.P.T., Liantoni, F., Hatta, P., Aristyagama, Y.H.</p> <p>Classification of Acute Myeloid Leukemia Subtypes M1, M2 and M3 Using K-Nearest Neighbor</p> <p>International Journal on Advanced Science, Engineering and Information Technology, 2021, 11(5), pp. 1847–1853</p>	<p>Prakisya, N.P.T., Liantoni, F., Hatta, P., Aristyagama, Y.H., Setiawan, A.</p> <p>Utilization of K-nearest neighbor algorithm for classification of white blood cells in AML M4, M5, and M7</p> <p>Open Engineering, De Gruyter, 2021, Volume 11 Issue 1, pp. 662–66</p>	<p>Wiharto, Nashrullah, F.H., Suryani, E., Salamah, U., Prakisya, N.P.T., Setyawan, S.</p>									
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	<p>Texture-based feature extraction using gabor filters to detect diseases of tomato leaves Revue d'Intelligence Artificielle, Open Access, 2021, Volume 35, Issue 4, pp. 331 - 339</p>		
	<p>Liantoni, F., Prakisy, N. P. T., Aristyagama, Y. H., & Hatta, P. Comparative Analysis of Hierarchical Clustering with Improve Feature for Herbs Leaves <i>Journal of Physics: Conference Series</i> (Vol. 1808, No. 1, p. 012025).</p>		
	<p>Liantoni, F., Prakisy, N. P. T., & Aristyagama, Y. H. Peningkatan HSV dan Haar-Like Feature pada Aplikasi Identifikasi Kematangan Buah Tomat Berbasis Android <i>JUSTIN (Jurnal Sistem dan Teknologi Informasi)</i>, 9(1), 70-74.</p>		
	<p>Liantoni, F., Aristyagama, Y. H., Prakisy, N. P. T., Hatta, P., & Budiyanto, C. W. Workshop and Motivation for Improving Student Skills through the Information and Communications Technology <i>THE SPIRIT OF SOCIETY JOURNAL</i>, 5(1), 33-39.</p>		
	<p>Prakisy, N. P. T., & Setiawan, A. A Comparative Study of Digital Image Segmentation Algorithms for Acute Myeloid Leukemia M1 White Blood Cells Images <i>IJIE (Indonesian Journal of Informatics Education)</i>, 4(2), 101-110.</p>		
	<p>Suryani, E., Salamah, U., Nurcahya, P. T. P., & Setyawan, S. PEMBELAJARAN DAN PENDAMPINGAN PEMANFAATAN SPSS UNTUK MENINGKATKAN KOMPETENSI OLAH DATA STATISTIK BAGI GURU DI SMA NEGERI 1 KEMUSU BOYOLALI <i>Abdi Teknayasa</i>, 1(2), 36-41.</p>		
	<p>Hermanto, A., Efendi, A., & Prakisy, N. P. T. The Influence of Student Teams Achievement Division Combined with Discovery Learning To Improve Student Learning Outcomes and Activeness <i>Journal of Informatics and Vocational Education</i>, 3(3), 93-99.</p>		
Activities in specialist bodies over the last 5 year			
	Organization	Role	Period

	Information Systems for Sustainable Development	Member	2019-Now
	Computational Science and Engineering	Member	2019-2021
	Ikatan Alumni Informatika UNS	Chairman	2018-2023
	Semartech	Supervisor	2020-2024
	ADGVI	Member	2021-2025