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Employment Employment Emplo	Assistant Professor abilitation [German post-doctoral qualification] (subject) Doctorate (subject) Postgraduate (subject) Material Science and Engineering Undergraduate degree (subject) Mechanical Engineering Position Assistant Professor ae of project or research focus ad and any other information ners, if applicable unit of financing eve of project or research focus ad and any other information ners, if applicable unit of financing eve of project or research focus ad and any other information ners, if applicable unit of financing eve of project or research focus ad and any other information ners, if applicable unit of financing eve of the information ners, if applicable unit of financing eve of	Kalimantan Institute (Institutio École Polytechnique Féd Institutio University of Institutio Brawijaya Unii Employe. Kalimantan Institute o Materials for sustainable 2018-2021 Optimization criteria of 1 2014-2017 Cracker Dough Enumera	of Technology n n férale de Lausann n Turin n versity r of Technology e transportation s	2017 Year 2009-2013 Year 2007-2008 Year 1997-2003 Period 2017-now system
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Title Any of Publis	isher, place of publication, date of publication or name of pdical, volume, issue, page numbers	Journal Wear Vol 390 - 3	391, pp. 61 -70, 20	017
Any ol Publis	vor(s)	Andi Idhil Ismail, Ridwa	n Haliq, M Jamil	
Publis		The study of crystallization of Mg-based bulk metallic glass (BMG)		
	other information	Indexed in Scopus		
	isher, place of publication, date of publication or name of dical, volume, issue, page numbers	IOP Conference Series: N Issue 1, 2019	Materials Science	and Engineering Vol 494
Autho	or(s)	Andi Idhil Ismail, Rasida	ah Rasidah, Ridhw	van Haliq
Title		Pengaruh Massa Filler-N Air pada Komposit Cang		Sifat Mekanik dan Daya Serap
Any of	other information	Indexed in SINTA		
	isher, place of publication, date of publication or name of odical, volume, issue, page numbers	Jurnal Rekayasa Mesin V	/ol. 12 Isssue 2 , p	ıp 297 - 304, 2021
Autho	ior(s)	Andi Idhil Ismail , Moukr Appolaire	rane Dehmas, Elis	abeth Aeby-Gautier, Benoit
Title		In situ monitoring of pha of Ti–6Al–4V titanium al		on kinetics under rapid heating
Any of	other information	Indexed in Scopus		
	isher, place of publication, date of publication or name of pdical, volume, issue, page numbers	Journal of Materials Res	earch and Techno	ology Vol. 17, pp 2518-2527, 20
Autho		Barokatun Hasanah, Firil Dina Herdiana	lia Filiana, Andi Ic	dhil Ismail, Achmad Munir,
Title		Implementation of Circu Dielectric Resonator for Indexed in Scopus		and Pass Filter using Artificial ric Propagation Mode
Any of	other information	indexed in Scopus		
	isher, place of publication, date of publication or name of odical, volume, issue, page numbers			eless and Mobile (APWiMob),
Autho	lor(s)	Andi Idhil Ismail , Gusti L	Umindya Nur Taja	Illa
Title		-	f Ti-6Al-4V Alloy L	Jsing Finite Element Method (I
Publis	other information isher, place of publication, date of publication or name of dical, volume, issue, page numbers	Indexed in Scopus 2019 6th International C (ICEVT), pp 119 - 123, 20		ectric Vehicular Technology
Activities in specialist bodies over the last 5 years		Role		

Name	Illa Rizianiza, S.T., M.T.			
Position	Assistant Professor	1	1	
Academic Career	Initial academic appointment	Institution	Year	
	Lecturer	Kalimantan Institute of Technology	2015	
	Habilitation [German post-doctoral qualification] (subject)	Institution	Year	
	Doctorate (subject)	Institution	Year	
	Perturn danta (addinat)	to attend on	Maria	
	Postgraduate (subject)	Institution Sepuluh Nopember Institute of	Year	
	Industrial Instrumentation Engineering	Technology	2013-2015	
	Undergraduate degree (subject)	Institution	Year	
	Instrumentation and Control	Sepuluh Nopember Institute of Technology	2006-2010	
Employment	Position	Employer	Period	
	Lecturer Name of project or research focus	Kalimantan Institute of Technology Analysis Performance LiFePO Batter	2015-now y on Enggang Evo Cars	
	Period and any other information	2020		
	Partners, if applicable			
	Amount of financing	IDR 19.800.000		
	Name of project or research focus	Car Braking System Design Using Ma	amdani Fuzzy Logic Control	
	Period and any other information	2019		
	Partners, if applicable	IDR 12.500.000		
Research and development projects over the last 5 years	Amount of financing Name of project or research focus	Effect of Attack Angle on Horizontal Performance	Axis Wind Turbine	
	Period and any other information	2018		
	Partners, if applicable			
	Amount of financing	IDR 18.000.000		
	Name of project or research focus	Design to Build a Wheelchair for Childre Mecanum Wheels	en with Disabilities Using	
	Period and any other information	2017		
	Partners, if applicable Amount of financing	IDR 20.000.000		
Industry collaborations over the last 5 years	Amount of financing Project title	101 20.000.000		
	Partners			
Patents and proprietary rights	Title		Year	
· · · · · · · · · · · · · · · · · · ·	-	-		
	Selected recent publications from a total of approx. (give total number):	4		
	Author(s)	Illa Rizianiza, S Devy Setiorini, Alfian Dj	afar	
	Title	The Effect of The Angle of Attack of the Electr		
		Generated on Prototype of the Hori Indexed in Scopus	zontal Axis Wind Turbine	
	Any other information			
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	IOP Conference Series: Materials Sci 494, Issue 1, 2019	ience and Engineering Vol	
	Author(s)	Achmad Ryan Perdana, Illa Rizianiza		
		Perancangan Sistem Pengendalian N		
			Aenggunakan Kontroler PID	
	Title	pada Gerakan Pitch dan Roll untuk S		
		pada Gerakan Pitch dan Roll untuk S Hexacopter		
	Title Any other information	pada Gerakan Pitch dan Roll untuk S		
Important publications over the last 5 years		pada Gerakan Pitch dan Roll untuk S Hexacopter	itabilitas Attitude	
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or name of	pada Gerakan Pitch dan Roll untuk S Hexacopter Indexed in SINTA Simetris: Jurnal Teknik Mesin, Elektro di	itabilitas Attitude	
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	pada Gerakan Pitch dan Roll untuk S Hexacopter Indexed in SINTA Simetris: Jurnal Teknik Mesin, Elektro di Isssue 2 , pp 386 - 398, 2020 <i>Igra Maulana Ichsan, Illa Rizianiza</i> Perbandingan Uji Kestabilan Attitud	an Ilmu Komputer, Vol 11	
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s)	pada Gerakan Pitch dan Roll untuk S Hexacopter Indexed in SINTA Simetris: Jurnal Teknik Mesin, Elektro di Isssue 2 , pp 386 - 398, 2020 <i>Igra Maulana Ichsan, Illa Rizianiza</i>	an Ilmu Komputer, Vol 11	
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title	pada Gerakan Pitch dan Roll untuk S Hexacopter Indexed in SINTA Simetris: Jurnal Teknik Mesin, Elektro di Isssue 2 , pp 386 - 398, 2020 Iqra Maulana Ichsan, Illa Rizianiza Perbandingan Uji Kestabilan Attitudi Root Locus dan Routh Hurwitz	e Hexacopter Pada Metode	
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of	pada Gerakan Pitch dan Roll untuk S Hexacopter Indexed in SINTA Simetris: Jurnal Teknik Mesin, Elektro di Isssue 2 , pp 386 - 398, 2020 Iqra Maulana Ichsan, Illa Rizianiza Perbandingan Uji Kestabilan Attitud Root Locus dan Routh Hurwitz Indexed in SINTA	e Hexacopter Pada Metode	
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	pada Gerakan Pitch dan Roll untuk S Hexacopter Indexed in SINTA Simetris: Jurnal Teknik Mesin, Elektro di Isssue 2 , pp 386 - 398, 2020 Iqra Maulana Ichsan, Illa Rizianiza Perbandingan Uji Kestabilan Attitud Root Locus dan Routh Hurwitz Indexed in SINTA Jurnal METTEK Vol. 7 Issue 2, pp 57	e Hexacopter Pada Metode	
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	pada Gerakan Pitch dan Roll untuk S Hexacopter Indexed in SINTA Simetris: Jurnal Teknik Mesin, Elektro di Isssue 2 , pp 386 - 398, 2020 Iqra Maulana Ichsan, Illa Rizianiza Perbandingan Uji Kestabilan Attitud Root Locus dan Routh Hurwitz Indexed in SINTA Jurnal METTEK Vol. 7 Issue 2, pp 57	e Hexacopter Pada Metode	
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s)	pada Gerakan Pitch dan Roll untuk S Hexacopter Indexed in SINTA Simetris: Jurnal Teknik Mesin, Elektro di Isssue 2 , pp 386 - 398, 2020 <i>Iqra Maulana Ichsan, Illa Rizianiza</i> Perbandingan Uji Kestabilan Attitudi Root Locus dan Routh Hurwitz Indexed in SINTA Jurnal METTEK Vol. 7 Issue 2, pp 57 <i>Illa Rizianiza, DM Shoodiqin</i>	e Hexacopter Pada Metode.	
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title	pada Gerakan Pitch dan Roll untuk S Hexacopter Indexed in SINTA Simetris: Jurnal Teknik Mesin, Elektro di Isssue 2 , pp 386 - 398, 2020 Iqra Maulana Ichsan, Illa Rizianiza Perbandingan Uji Kestabilan Attitud Root Locus dan Routh Hurwitz Indexed in SINTA Jurnal METTEK Vol. 7 Issue 2, pp 57 Illa Rizianiza, DM Shoodiqin Automatic braking system using fuzz	e Hexacopter Pada Metode - 65, 2021	
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of publication or name of publication	pada Gerakan Pitch dan Roll untuk S Hexacopter Indexed in SINTA Simetris: Jurnal Teknik Mesin, Elektro di Isssue 2 , pp 386 - 398, 2020 Iqra Maulana Ichsan, Illa Rizianiza Perbandingan Uji Kestabilan Attitud Root Locus dan Routh Hurwitz Indexed in SINTA Jurnal METTEK Vol. 7 Issue 2, pp 57 Illa Rizianiza, DM Shoodiqin Automatic braking system using fuzz Indexed in Scopus	e Hexacopter Pada Metode - 65, 2021	

Name	Diniar Mungil Kurniawati, S.T., M.T.		
Position	Assistant Professor		
Academic Career	Initial academic appointment	Institution	Year
	Lecturer	Kalimantan Institute of Technology	2018
	Habilitation [German post-doctoral qualification] (subject)	Institution	Year
	Doctorate (subject)	Institution	Year
	Postgraduate (subject)	Institution	Year
	Mechanical Engineering	Sebelas Maret University	2015-2018
	Undergraduate degree (subject) Mechanical Engineering and System	Institution	Year 2010-2014
Employment	Position	Bogor Agricultural Institute Employer	Period
Employment	Lecturer	Kalimantan Institute of Technology Vertical Axis Wind Turbine Design for	2018-now
	Name of project or research focus Period and any other information	2020	
	Partners, if applicable	2020	
Research and development projects over the last 5 years	Amount of financing Name of project or research focus	IDR 15000000 Numerical Simulation of The Effect of Th	
	Period and any other information	Curvature Angle to Crossflow Wind Turbine Performance	
	Partners, if applicable		
	Amount of financing	IDR 15000000	
Industry collaborations over the last 5 years	Project title		
	Partners Title	l	Year
Patents and proprietary rights	-		
	Selected recent publications from a total of approx.	[_	
	(give total number): Author(s)	b Dominicus Danardono Dwi Prija Tjahjano Wicaksono, Diniar Mungil Kurniawati , F Utomo, Sukmaji Indro Cahyono, Ari Pras	ahrudin Fahrudin, Ilham Satrio
	Title	Study on performance improvement of th Urban Power System with Omni-Directio	
	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Journal of Advanced Research in Fluid M Sciences Vol 55 Issue 1, pp 126 - 135, 20	
	Author(s)	Andromeda Dwi Laksono, Muhammad Fi Kurniawati , Jatmoko Awali, Gilang Rama Nurhidayatur Rozikin	
	Title	Improved mechanical properties with the composites made from sugarcane bagas blades material	
	Any other information	Indexed in Scopus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	IOP Conference Series: Materials Science Issue 1, 2021	and Engineering Vol 1034
	Author(s)	Diniar Mungil Kurniawati, Illa Rizianiza,	Gad Gunawan
	Title	Investigasi Performa Turbin Angin Crossf 2D	low Dengan Simulasi Numerik
		Indexed in SINTA	
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Jurnal Sains Terapan Vol 18 Issue 1, pp 7	- 12, 2020
	Author(s)	Rahmat Wahyudi, Diniar Mungil Kurnia y	vati , Alfian Djafar
	Title	Effect of Slotted Angle on Savonious Win	
	Any other information	Index Copernicus	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Advances in Science and Technology Vol.	104 , pp 83 - 88, 2021
	Author(s)	Sugeng Imar Fauzil, Diniar Mungil Kurniawati , Gad Gu Amba Matarru Studi Eksperimental Pengaruh Variasi Deflektor Pelat L terhadap Performa Turbin Air Savonius Sumbu Vertika Indexed in SINTA	
	Title		
	Any other information		
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Jurnal Informatika, Elektronika, Mesin Vo	ol .13(1), pp 138 - 143, 2022
	Author(s)	Diniar Mungil Kurniawati, Jordan Micha	el Sukanda
	Title	Simulasi Numerik Pengaruh Aspect Ratic Performa Turbin Angin Sumbu Vertikal H	
	Any other information	Indexed in SINTA	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Jurnal Rotasi Vol 22(1), pp 22-28, 2020	
Activities in specialist bodies over the last 5 years	Organization	Role	Periode
	I.		

Name	Alfian Djafar, S.T., M.T.		
Position	Assistant Professor	1	
Academic Career	Initial academic appointment	Institution	Year
	Assistant Professor Habilitation [German post-doctoral qualification] (subject)	Kalimantan Institute of Technology Institution	2015 Year
	Doctorate (subject)	Institution	Year
	Postgraduate (subject)	Institution	Year
	Machine Construction Undergraduate degree (subject) Machine Construction	Hasanuddin University Institution Hasanuddin University	2012-2014 Year 2006-2010
Employment	Position	Employer	Period
	Lecturer	Kalimantan Institute of Technology	2015-now
	Name of project or research focus	Potential Utilization of Biogas Energy C Skin as Renewable Energy desolate are	
	Period and any other information Partners, if applicable	2020	
	Amount of financing	IDR 15.000.000	
	Name of project or research focus	Design Build Dodol Mixer Machine Wit And Belt Transmission System	h 10 Kg Capacity With Pulley
	Period and any other information	2019	
	Partners, if applicable Amount of financing	IDR 20.000.000	
	Name of project or research focus	Design a Enggang Evo 2 Electric Car	
	Period and any other information	2018	
	Partners, if applicable		
Research and development projects over the last 5 years	Amount of financing	IDR 35.000.000	
	Name of project or research focus	Design a Horizontal Axis Wind Turbine Kalimantan Institute of Technology	With 3 blade Case study of
	Period and any other information Partners if applicable	2018	
	Partners, if applicable Amount of financing	IDR 18.500.000	
	Name of project or research focus	Design Stair Climbing Trolley for 40 kg (Carrying Capacity
	Period and any other information	2018	
	Partners, if applicable Amount of financing	IDR 10.000.000	
	Amount of financing		
	Name of project or research focus	Design to Build a Wheelchair for Childre Mecanum Wheels	en with Disabilities Using
	Period and any other information Partners, if applicable	2017	
	Amount of financing	IDR 20.000.000	
Industry collaborations over the last 5 years	Project title		
	Partners Title		Year
Patents and proprietary rights	-		
	Selected recent publications from a total of approx.	1	
	(give total number):	23	
	Author(s)	Alfian Djafar, Widya Hadiprasetiyo	
	Title	Analisis Struktur Chassis Mobil Listrik E Statik	nggang EVO Terhadap Beban
	Any other information	Indexed in SINTA	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Journal Traksi Vol. 20 Issue 2, pp 122- 1	33, 2020
		Alfian Djafar, Muhammad Gilang Kent	inne Dene Kristivente Vorod
	Author(s)	Afudin	ana, keza kristiyanto, rusuj
	Author(s)		
	Title	Afudin RANCANG BANGUN AUTOMATIC HANE MENGGUNAKAN MIKROKONTROLLLER Indexed in SINTA	WASHING STATION DENGAN
Important publications over the last 5 years		RANCANG BANGUN AUTOMATIC HANE MENGGUNAKAN MIKROKONTROLLLER	WASHING STATION DENGAN ARDUINO UNO R3
Important publications over the last 5 years	Title Any other information Publisher, place of publication, date of publication or name of	RANCANG BANGUN AUTOMATIC HANE MENGGUNAKAN MIKROKONTROLLER Indexed in SINTA EduMatSains: Jurnal Pendidikan, Mate	WASHING STATION DENGAN ARDUINO UNO R3 matika dan Sains Vol. 6 Issue 1 ,
Important publications over the last 5 years	Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	RANCANG BANGUN AUTOMATIC HANE MENGGUNAKAN MIKROKONTROLLLER Indexed in SINTA EduMatSains: Jurnal Pendidikan, Mateu pp 175 - 186, 2021	D WASHING STATION DENGAN ARDUINO UNO R3 matika dan Sains Vol. 6 Issue 1 , anggana, Happy Aprilia
Important publications over the last 5 years	Title Any other information Publisher, place of publication, date of publication or name of periodicol, volume, issue, page numbers Author(s) Title	RANCANG BANGUN AUTOMATIC HANE MENGGUNAKAN MIKROKONTROLLLER Indexed in SINTA EduMatSains: Jurnal Pendidikan, Mater pp 175 - 186, 2021 Alfian Djafar, Gad Gunawan, Doddy Su Perancangan Sistem Sprinkler pada Gev	D WASHING STATION DENGAN ARDUINO UNO R3 matika dan Sains Vol. 6 Issue 1 , anggana, Happy Aprilia
Important publications over the last 5 years	Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s)	RANCANG BANGUN AUTOMATIC HANC MENGGUNAKAN MIKROKONTROLLLER Indexed in SINTA EduMatSains: Jurnal Pendidikan, Mater pp 175 - 186, 2021 Alfian Djafar, Gad Gunawan, Doddy Sc	D WASHING STATION DENGAN ARDUINO UNO R3 matika dan Sains Vol. 6 Issue 1 , anggana, Happy Aprilia dung Perkuliahan E, f, g
Important publications over the last 5 years	Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of	RANCANG BANGUN AUTOMATIC HANE MENGGUNAKAN MIKROKONTROLLLER Indexed in SINTA EduMatSains: Jurnal Pendidikan, Mater pp 175 - 186, 2021 Alfian Djafar, Gad Gunawan, Doddy Su Perancangan Sistem Sprinkler pada Ge Indexed in SINTA	D WASHING STATION DENGAN ARDUINO UNO R3 matika dan Sains Vol. 6 Issue 1 , anggana, Happy Aprilia dung Perkuliahan E, f, g
Important publications over the last 5 years	Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s)	RANCANG BANGUN AUTOMATIC HANE MENGGUNAKAN MIKROKONTROLLLER Indexed in SINTA EduMatSains: Jurnal Pendidikan, Mater pp 175 - 186, 2021 Alfian Djafar, Gad Gunawan, Doddy Su Perancangan Sistem Sprinkler pada Ge Indexed in SINTA Journal G-Tech Vol. 6 Issue 1, pp 59 - 6	D WASHING STATION DENGAN ARDUINO UNO R3 matika dan Sains Vol. 6 Issue 1 , anggana, Happy Aprilia dung Perkuliahan E, f, g
Important publications over the last 5 years	Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Author(s) Title Title	RANCANG BANGUN AUTOMATIC HANE MENGGUNAKAN MIKROKONTROLLLER Indexed in SINTA EduMatSains: Jurnal Pendidikan, Mater pp 175 - 186, 2021 Alfian Djafar, Gad Gunawan, Doddy Su Perancangan Sistem Sprinkler pada Ge Indexed in SINTA Journal G-Tech Vol. 6 Issue 1, pp 59 - 6 Alfian Djafar, Mahrus Ali Fatoni PERANCANGAN MESIN SINGLE SCREW ULANG PLASTIK LDPE MENJADI FLAME	WASHING STATION DENGAN ARDUINO UNO R3 matika dan Sains Vol. 6 Issue 1 , anggana, Happy Aprilia dung Perkuliahan E, f, g 7, 2022
Important publications over the last 5 years	Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s)	RANCANG BANGUN AUTOMATIC HANC MENGGUNAKAN MIKROKONTROLLLER Indexed in SINTA EduMatSains: Jurnal Pendidikan, Mater pp 175 - 186, 2021 Alfian Djafar, Gad Gunawan, Doddy Su Perancangan Sistem Sprinkler pada Ger Indexed in SINTA Journal G-Tech Vol. 6 Issue 1, pp 59 - 6' Alfian Djafar, Mahrus Ali Fatoni PERANCANGAN MESIN SINGLE SCREW	WASHING STATION DENGAN ARDUINO UNO R3 matika dan Sains Vol. 6 Issue 1 , anggana, Happy Aprilia dung Perkuliahan E, f, g 7, 2022 EXTRUDER UNTUK DAUR INT FEED 3D PRINTING
Important publications over the last 5 years	Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Author(s) Title Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of	RANCANG BANGUN AUTOMATIC HANE MENGGUNAKAN MIKROKONTROLLLER Indexed in SINTA EduMatSains: Jurnal Pendidikan, Matei pp 175 - 186, 2021 Alfian Djafar, Gad Gunawan, Doddy Su Perancangan Sistem Sprinkler pada Ge Indexed in SINTA Journal G-Tech Vol. 6 Issue 1, pp 59 - 6' Alfian Djafar, Mahrus Ali Fatoni PERANCANGAN MESIN SINGLE SCREW ULANG PLASTIK LDPE MENJADI FILAME Indexed in SINTA	WASHING STATION DENGAN ARDUINO UNO R3 matika dan Sains Vol. 6 Issue 1 , anggana, Happy Aprilia dung Perkuliahan E, f, g 7, 2022 EXTRUDER UNTUK DAUR NT FEED 3D PRINTING

Name Position Academic Career	Doddy Suanggana, S.T.,M.T.		
Academic Career	Assistant Professor		
	Initial academic appointment Lecturer	Institution Kalimantan Institute of Technology	Year 2019
	Habilitation [German post-doctoral qualification] (subject)	Institution	Year
	······································		
	Doctorate (subject)	Institution	Year
	Postgraduate (subject)	Institution	Year
	Mechanical Engineering Undergraduate degree (subject)	Hasanuddin University Institution	2012-2014 Year
	Mechanical Engineering	Hasanuddin University	2005-2011
Employment	Position Lecturer	Employer Kalimantan Institute of Technology	Period 2019-now
	Name of project or research focus	Factory Layout Redesign with Systematic at Plant Welding Shop PT. Sanggar Sarana	Layout Planning (SLP) Method
	Period and any other information	2021	
	Partners, if applicable Amount of financing		
	Name of project or research focus	Potential Utilization of Biogas Energy Cov as Renewable Energy desolate areas	dung waste and Durian Skin
	Period and any other information	2020	
	Partners, if applicable Amount of financing	IDR 15.000.000	
	Name of project or research focus	Design Build Dodol Mixer Machine With : And Belt Transmission System	10 Kg Capacity With Pulley
	Period and any other information	2019	
	Partners, if applicable Amount of financing	IDR 20.000.000	
Research and development projects over the last 5 years		Design and Implementation of Quality As	surance Management
	Name of project or research focus Period and any other information	Information System in Universities	
	Partners, if applicable		
	Amount of financing	IDR 204.850.000	
	Name of project or research focus	Bioethanol Distillation From Nipah Using	Flat Plate Solar Collector
	Period and any other information	2018	
	Partners, if applicable Amount of financing	IDR 10.000.000	
	Name of project or research focus	Effect of Fiber Placement Position On Tensile Strength and Bending Of Resin-Epoxy Composite Material Nenas Raja Fiber (Agve Cantula Roxb For Fishing Boat Hull	
	Period and any other information	2017	
	Partners, if applicable Amount of financing	IDR 20.000.000	
Industry collaborations over the last 5 years	Project title		
	Partners Title		Year
Patents and proprietary rights	-		-
	Selected recent publications from a total of approx. (give total number):	16	
	Author(s)	Doddy Suanggana, Hadhimas Dwi Haryo	no, Alfian Djafar, Jordy Irawan
		Potensi Produksi Biogas dari Anaerobic D	gestion Kotoran Sapi dan
	Title	Kulit Nanas sebagai Sumber Energi Rice C	ooker Biogas
	Any other information	Indexed in SINTA	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	G-Tech: Jurnal Teknologi Terapan Vol 6 Iss	ue 2, pp 1 - 7, 2022
	Author(s)	Putra Ivannah Hakim, Hadhimas Dwi Har	yono, Doddy Suanggana
	Title	Desain UlangTata Letak Pabrik Dengan M Planning (SLP) Di Plant Welding Shop PT.	
	Any other information	Indexed in SINTA	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Jurnal Teknovasi: Jurnal Teknik dan Inova 2021	si Vol. 8 Issue 2, pp 77 - 90,
	Author(s)	Doddy Suanggana, Alfian Djafar, Gad Gu	nawan
		· · · · · · · · · · · · · · · · · · ·	
Important publications over the last 5 years	Title	Analisis Pemanfaatan Energi Biogas Dari (Sapi Dan Kulit Durian Sebagai Energi Alter	Campuran Limbah Kotoran
Important publications over the last 5 years	Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers		Campuran Limbah Kotoran matif
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or nome of periodical, volume, issue, page numbers	Sapi Dan Kulit Durian Sebagai Energi Alte Indexed in SINTA JTT (Jurnal Teknologi Terpadu) Vol 8 Issue	Campuran Limbah Kotoran natif 2, pp 119 - 125, 2020
Important publications over the last 5 years	Any other information Publicher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s)	Sapi Dan Kulit Durian Sebagai Energi Alte Indexed in SINTA JTT (Jurnal Teknologi Terpadu) Vol 8 Issue Doddy Suanggane , Faisal Manta, Gilong	ampuran Limbah Kotoran natif 2, pp 119 - 125, 2020 Ramadhan
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or nome of periodical, volume, issue, page numbers	Sapi Dan Kulit Durian Sebagai Energi Alte Indexed in SINTA JTT (Jurnal Teknologi Terpadu) Vol 8 Issue	ampuran Limbah Kotoran natif 2, pp 119 - 125, 2020 Ramadhan
Important publications over the last 5 years	Any other information Publicher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s)	Sapi Dan Kulit Durian Sebagai Energi Alte Indexed in SINTA JITT (Jurnal Teknologi Terpadu) Vol B Issue Doddy Suanggana, Faisal Manta, Gilang Analisis Jumlah dan Sudut Blade terhadaj	ampuran Limbah Kotoran natif 2, pp 119 - 125, 2020 Ramadhan
Important publications over the last 5 years	Any other information Publicher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title	Sapi Dan Kulit Durian Sebagai Energi Alte Indexed in SINTA JTT (Jurnal Teknologi Terpadu) Vol 8 Issue Doddy Suanggana , Faisal Manta, Gilang Analisis Jumlah dan Sudut Blade terhadaj Turbin Air Savonius dengan Metode CFD	ampuran Limbah Kotoran natif 2, pp 119 - 125, 2020 Romadhan Kecepatan dan Tekanan
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of	Sapi Dan Kulit Durian Sebagai Energi Alte Indexed in SINTA JTT (Jurnal Teknologi Terpadu) Vol 8 Issue Doddy Suongana , Faisal Manta, Gilang Analisis Jumlah dan Sudut Blade terhada Turbin Air Savonis dengan Metode CFD Indexed in SINTA	ampuran Limbah Kotoran natif 2, pp 119 - 125, 2020 Romodhon Kecepatan dan Tekanan ue 3, pp 119 - 129, 2021
Important publications over the last 5 years	Any other information Publicher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publicher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Sapi Dan Kulit Durian Sebagai Energi Alte Indexed in SINTA JTT (Jurnal Teknologi Terpadu) Vol B Issue Doddy Suanggana , Faisal Manta, Gilang Analisis Jumlah dan Sudut Blade terhada Turbin Air Savonius dengan Metode CFD Indexed in SINTA JTM-ITI (Jurnal Teknik Mesin ITI) Vol. 5 Iss Gerard Antonini Durna, Doddy Suanggan	ampuran Limbah Kotoran natif 2, pp 119 - 125, 2020 Ramadhan o Kecepatan dan Tekanan ue 3, pp 119 - 129, 2021 g
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Title	Sapi Dan Kulit Durian Sebagai Energi Alte Indexed in SINTA ITT (Jurnal Teknologi Terpadu) Vol 8 Issue Doddy Suanggana, Faisal Manta, Gilong Analisi Jumlah dan Sudut Blade terhada Turbin Air Sanouis dengan Metode CFD Indexed in SINTA JTM-ITT (Jurnal Teknik Mesin ITT) Vol. 5 Iss Gerard Antonini Dumo, Doddy Suanggan Distillation of Bioethanol From Nypa Usin	ampuran Limbah Kotoran natif 2, pp 119 - 125, 2020 Ramadhan o Kecepatan dan Tekanan ue 3, pp 119 - 129, 2021 g
Important publications over the last 5 years	Any other information Publicher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Tible Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s)	Sapi Dan Kulit Durian Sebagai Energi Alte Indexed in SINTA JTT (Jurnal Teknologi Terpadu) Vol B Issue Doddy Suanggana , Faisal Manta, Gilang Analisis Jumlah dan Sudut Blade terhada Turbin Air Savonius dengan Metode CFD Indexed in SINTA JTM-ITI (Jurnal Teknik Mesin ITI) Vol. 5 Iss Gerard Antonini Durna, Doddy Suanggan	ampuran Limbah Kotoran natif 2, pp 119 - 125, 2020 Ramadhan o Kecepatan dan Tekanan ue 3, pp 119 - 129, 2021 g
Important publications over the last 5 years	Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Title	Sapi Dan Kulit Durian Sebagai Energi Alte Indexed in SINTA ITT (Jurnal Teknologi Terpadu) Vol 8 Issue Doddy Suanggana, Faisal Manta, Gilong Analisi Jumlah dan Sudut Blade terhada Turbin Air Sanouis dengan Metode CFD Indexed in SINTA JTM-ITT (Jurnal Teknik Mesin ITT) Vol. 5 Iss Gerard Antonini Dumo, Doddy Suanggan Distillation of Bioethanol From Nypa Usin	ampuran Limbah Kotoran natif 2, pp 119 - 125, 2020 Ramadhan o Kecepatan dan Tekanan ue 3, pp 119 - 129, 2021 ø g Flat Plate Solar Collector

Name	Andre Amba Matarru, S.T., M.Han			
Position	Assistant Professor			
Academic Career	Initial academic appointment	Institutio	on	Year
	Lecturer	Kalimantan Institute	of Technology	2021
	Habilitation [German post-doctoral qualification] (subject)	Institutio	on	Year
	Doctorate (subject)	Institutio	on	Year
	Postgraduate (subject)	Institutio	on	Year
	Energy Security	Indonesia Defense	e University	2018-2020
	Undergraduate degree (subject)	Institutio	on	Year
	Mechanical Engineering	Hasanuddin Ur	niversity	2012-2017
Employment	Position	Employe	er	Period
Employment	Lecturer	Kalimantan Institute	of Technology	2021 - now
	Name of project or research focus	Energy Efficient Car Vehicle Design		
Research and development projects over the last 5 years	Period and any other information	2021		
	Partners, if applicable			
	Amount of financing	IDR 23.383.000		
Industry collaborations over the last 5 years	Project title			
	Partners			
Patents and proprietary rights	Title	Year -		Year
Patents and proprietary rights	-			-
	Selected recent publications from a total of approx.			
	(give total number):	1		
	Author(s)	Faisal Manta, Andre Amba Matarru , Alip Suhada Analisis Performa Turbin Gas dengan Variasi Beban di PT. Pupi		Suhada
Important publications over the last 5 years	Title			asi Beban di PT. Pupuk Kaltim
	Any other information	Indexed in SINTA		
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	ELEMEN Jurnal Teknik N	Aesin Vol.8 Issue 2	, pp. 115-122, 2021
	Organization	Role		Periode
Activities in specialist bodies over the last 5 years			•	

Name	Chaerul Qalbi AM, S.T., M.Sc			
Position	Assistant Professor			
Academic Career	Initial academic appointment	Institutio	n	Year
	Lecturer	Kalimantan Institute d	of Technology	2021
	Habilitation [German post-doctoral qualification] (subject)	Institutio	n	Year
	Doctorate (subject)	Institutio	n	Year
	Postgraduate (subject)	Institutio	n	Year
	Mechanical Engineering	Kookmin Univ	versity	2019-2021
	Undergraduate degree (subject)	Institutio	n	Year
	Mechanical Engineering	Kalimantan Institute d	of Technology	2013-2017
	Position	Employe	r	Period
Employment	Lecturer	Kalimantan Institute d	of Technology	2021 - now
Employment	Position	Employe	r	Period
	Estimator and Scheduler	PT Pertamina	RU V	2017-2019
	Name of project or research focus	Pemanfaatan Limbah Bu	ıbuk Kopi (Spent C	offee Grounds) Sebagai Elektr
Research and development projects over the last 5 years	Period and any other information	2021		
	Partners, if applicable			
	Amount of financing			
	Name of project or research focus	Development of Battery Electric Motorcycles For		nent System Module On Performance
	Period and any other information	2021		
	Partners, if applicable			
	Amount of financing	Rp 15.000.000		
Industry collaborations over the last 5 years	Project title			
	Partners			
Patents and proprietary rights	Title			Year
ratento ana proprietary rigito	-			-
	Selected recent publications from a total of approx.			
	(give total number):			
	Author(s)			
Important publications over the last 5 years	Title			
	Any other information			
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers			
	Organization	Role		Periode
Activities in specialist bodies over the last 5 years	Indonesian Engineers Association	Member		2021-now

Name	Faisal Manta S.T., M.T.		
Position	Assistant Professor		
Academic Career	Initial academic appointment	Institution	Year
	Lecturer	Kalimantan Institute of Technology	2017
	Habilitation [German post-doctoral qualification] (subject)	Institution	Year
	Doctorate (subject)	Institution	Year
	Postgraduate (subject)	Institution	Year
	Mechanical Engineering	Sepuluh Nopember Institute of Technology	2013-2017
	Undergraduate degree (subject) Mechanical Engineering	Institution Sepuluh Nopember Institute of Technology	Year 2008-2012
	Position	Employer	Period
Employment	Lecturer	Kalimantan Institute of Technology	2017-now
	Name of project or research focus	Analysis Biogas Production of Balikpapan	n City Market Waste
	Period and any other information	2021	
	Partners, if applicable		
	Amount of financing		
	Name of project or research focus	Optimization of Salted Fish Production of With Mechanization of Drying Process	f Balikpapan City Coastal Area
Research and development projects over the last 5 years	Period and any other information	2020-2021	
	Partners, if applicable		
	Amount of financing	IDR 8.000.000	
	Name of project or research focus	Cracker Dough Enumeration Machine With Plu Setting	ith Plural Knife and Thickness
	Period and any other information	2018-2019	
	Partners, if applicable		
	Amount of financing	IDR 35.000.000	
Industry collaborations over the last 5 years	Project title	Design ITK electric car engine	
	Partners Title		
Patents and proprietary rights	-		Year _
	Selected recent publications from a total of approx.	I	
	(give total number):	7	
	(give total number): Author(s)	7 Faisal Manta, Hadhimas Dwi Haryono, R	isdianto Ardani
			NEN PEMBANGKIT LISTRIK DI
	Author(s)	Faisal Manta, Hadhimas Dwi Haryono, R ANALISA TINGKAT RESIKO PADA KOMPON	NEN PEMBANGKIT LISTRIK DI
	Author(s) Title	Faisal Manta, Hadhimas Dwi Haryono, R ANALISA TINGKAT RESIKO PADA KOMPON KOTA BALIKPAPAN DENGAN METODE FM	NEN PEMBANGKIT LISTRIK DI EA
	Author(s) Title Any other information Publisher, place of publication, date of publication or name of	Faisal Manta, Hadhimas Dwi Haryono, R ANALISA TINGKAT RESIKO PADA KOMPON KOTA BALIKPAPAN DENGAN METODE FM Indexed in SINTA	NEN PEMBANGKIT LISTRIK DI IEA 15, 2020
Important publications over the last 5 years	Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Faisal Manta, Hadhimas Dwi Haryono, R ANALISA TINGKAT RESIKO PADA KOMPON KOTA BALIKPAPAN DENGAN METODE FM Indexed in SINTA Jurnal Sains Terapan Vol 6 Issue 1, pp 8 - 3	NEN PEMBANGKIT LISTRIK DI IEA 15, 2020 Ramadhan
Important publications over the last 5 years	Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s)	Faisal Manta, Hadhimas Dwi Haryono, R ANALISA TINGKAT RESIKO PADA KOMPON KOTA BALIKPAPAN DENGAN METODE FM Indexed in SINTA Jurnal Sains Terapan Vol 6 Issue 1, pp 8 -7 Doddy Suanggana, Faisal Manta, Gilang Analisis Jumlah dan Sudut Blade terhada	NEN PEMBANGKIT LISTRIK DI IEA 15, 2020 Ramadhan
Important publications over the last 5 years	Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title	Faisal Manta, Hadhimas Dwi Haryono, R ANALISA TINGKAT RESIKO PADA KOMPOH KOTA BALIKPAPAN DENGAN METODE FM Indexed in SINTA Jurnal Sains Terapan Vol 6 Issue 1, pp 8 -: Doddy Suanggana, Faisal Manta, Gilang Analisis Jumlah dan Sudut Blade terhada Turbin Air Savonius dengan Metode CFD	NEN PEMBANGKIT LISTRIK DI IEA 15, 2020 Ramadhan p Kecepatan dan Tekanan
Important publications over the last 5 years	Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Faisal Manta, Hadhimas Dwi Haryono, R ANALISA TINGKAT RESIKO PADA KOMPOH KOTA BALIKPAPAN DENGAN METODE FM Indexed in SINTA Jurnal Sains Terapan Vol 6 Issue 1, pp 8 -: Doddy Suanggana, Faisal Manta, Gilang Analisis Jumlah dan Sudut Blade terhada Turbin Air Savonius dengan Metode CFD Indexed in SINTA	NEN PEMBANGKIT LISTRIK DI EA 15, 2020 Ramadhan p Kecepatan dan Tekanan sue 3, pp 119 - 129, 2021
Important publications over the last 5 years	Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Faisal Manta, Hadhimas Dwi Haryono, R ANALISA TINGKAT RESIKO PADA KOMPON KOTA BALIKPAPAN DENGAN METODE FM Indexed in SINTA Jurnal Sains Terapan Vol 6 Issue 1, pp 8 -3 Doddy Suanggana, Faisal Manta, Gilang Analisis Jumlah dan Sudut Blade terhada Turbin Air Savonius dengan Metode CFD Indexed in SINTA JTM-ITI (Jurnal Teknik Mesin ITI) Vol. 5 Iss	NEN PEMBANGKIT LISTRIK DI EA 15, 2020 Ramadhan p Kecepatan dan Tekanan sue 3, pp 119 - 129, 2021 p Suhada
Important publications over the last 5 years	Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Author(s) Author(s) Author(s)	Faisal Manta, Hadhimas Dwi Haryono, R ANALISA TINGKAT RESIKO PADA KOMPON KOTA BALIKPAPAN DENGAN METODE FM Indexed in SINTA Jurnal Sains Terapan Vol 6 Issue 1, pp 8 -3 Doddy Suanggana, Faisal Manta, Gilang Analisis Jumlah dan Sudut Blade terhada Turbin Air Savonius dengan Metode CFD Indexed in SINTA JTM-ITI (Jurnal Teknik Mesin ITI) Vol. 5 Iss Faisal Manta, Andre Amba Matarru, Alip	NEN PEMBANGKIT LISTRIK DI EA 15, 2020 Ramadhan p Kecepatan dan Tekanan sue 3, pp 119 - 129, 2021 p Suhada
Important publications over the last 5 years	Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s) Title Author(s) Author(s) Title Author(s) Title Author(s) Title Author(s) Title	Falsal Manta, Hadhimas Dwi Haryono, R ANALISA TINGKAT RESIKO PADA KOMPON KOTA BALIKPAPAN DENGAN METODE FM Indexed in SINTA Jurnal Sains Terapan Vol 6 Issue 1, pp 8 -3 Doddy Suanggana, Falsal Manta, Gilang Analisis Jumlah dan Sudut Blade terhada Turbin Air Savonius dengan Metode CFD Indexed in SINTA JTM-ITI (Jurnal Teknik Mesin ITI) Vol. 5 Iss Falsal Manta, Andre Amba Matarru, Alip Analisis Performa Turbin Gas dengan Var	NEN PEMBANGKIT LISTRIK DI IEA 15, 2020 Ramadhan p Kecepatan dan Tekanan sue 3, pp 119 - 129, 2021 o Suhada iasi Beban di PT. Pupuk Kaltim
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Name	Gad Gunawan, S.T.,M.T.		
Position	Assistant Professor	· · · · · · · · · · · · · · · · · · ·	
Academic Career	Initial academic appointment Lecturer	Institution Kalimantan Institute of Technology	Year 2019
	Lecturer Habilitation [German post-doctoral qualification] (subject)	Institution	Year
	Construction [German post-autoral qualification] [Subject]	msuuuum	icui
	Doctorate (subject)	Institution	Year
	Postgraduate (subject) Mechanical Engineering	Institution Bandung Institute of Technology	Year 2016-2018
	Undergraduate degree (subject)	Institution	Year
	Mechanical Engineering	Hasanuddin University	2008-2013
Employment	Position Lecturer	Employer Kalimantan Institute of Technology	Period 2019-now
	Lectorer		
	Name of project or research focus	Utilization of Coffee Powder Waste (Spen Electrolytes for Bio Battery Applications	t Coffee Grounds) as
	Desired and any other information	2024	
	Period and any other information Partners, if applicable	2021	
	Amount of financing	IDR 18.065.000	
	Name of project or research focus	Mechanical Planning of Sustainable Build	
		of the Kalimantan Institute of Technology	/
	Period and any other information	2021	
	Partners, if applicable Amount of financing	IDR 10.000.000	
		Testing the Effect of The Number of Blade	a on the Performance of
	Name of project or research focus	Archimedes Threaded Turbines	e on the Performance of
	Period and any other information	2021	
	Partners, if applicable		
	Amount of financing	IDR 15.000.000	
	Name of project or research focus	Design Vertical Axis Wind Turbines As An	
Research and development projects over the last 5 years		Lighting Case Study Balikpapan – Samarin	iue nigii way
	Period and any other information Partners, if applicable	2020	
	Partners, if applicable Amount of financing	IDR 15.000.000	
	Name of project or research focus	Potential Utilization of Biogas Energy Cow	v dung waste and Durian Skir
	Period and any other information	as Renewable Energy desolate areas 2020	
	Partners, if applicable	2020	
	Amount of financing	IDR 15.000.000	
	Name of project or research focus	Testing the Effect of Deflector Shape and	Angle on Turbines
	Period and any other information	2020	
	Partners, if applicable Amount of financing	IDR 15.000.000	
	Amount of Jinuncing	1511 151000.000	
	Name of project or research focus	Design Build Dodol Mixer Machine With 1	10 Kg Capacity With Pulley A
	Period and any other information	2019	
	Partners, if applicable	1015	
	Amount of financing	IDR 20.000.000	
	Project title		
Industry collaborations over the last 5 years	Project title		
Industry collaborations over the last 5 years	Partners		Mara
Industry collaborations over the last 5 years Patents and proprietary rights			Year
	Partners Title Selected recent publications from a total of approx.		Year -
	Partners Title	6	Year -
	Partners Title Selected recent publications from a total of approx.	6 Fokhrul Widyantama, Doddy Suanggana,	
	Partners Title Selected recent publications from a total of approx. (give total number): Author(s)		- Gad Gunawan
	Partners Title Selected recent publications from a total of approx. (give total number):	6 Fakhrul Widyantama, Doddy Suanggana, Simulasi CFD Pengaruh Penggunaan Defle Performa Turbin Air Savonius Sumbu Vert	- Gad Gunawan ektor Pelat Lengkung terhada
	Portners Title Selected recent publications from a total of approx. (give total number): Author(s) Title	Simulasi CFD Pengaruh Penggunaan Defle	- Gad Gunawan ektor Pelat Lengkung terhada
	Partners Title Selected recent publications from a total of approx. (give total number): Author(s)	Simulasi CFD Pengaruh Penggunaan Defle Performa Turbin Air Savonius Sumbu Vert	- Gad Gunawan ektor Pelat Lengkung terhada
	Partners Title Selected recent publications from a total of approx. (give total number): Author(s) Title Any other information Publisher, place of publication, date of publication or name of	Simulasi CFD Pengaruh Penggunaan Defle Performa Turbin Air Savonius Sumbu Vert	Gad Gunawan Ektor Pelat Lengkung terhada Likal Dua Sudu
	Portners Title Selected recent publications from a total of approx. (give total number): Author(s) Title Any other information	Simulasi CFD Pengaruh Penggunaan Defle Performa Turbin Air Savonius Sumbu Vert Indexed in SINTA	Gad Gunawan ektor Pelat Lengkung terhada likal Dua Sudu
	Portners Title Selected recent publications from a total of approx. (give total number): Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Simulasi CFD Pengaruh Penggunaan Defle Performa Turbin Air Savonius Sumbu Vert Indexed in SINTA Jurnal Rekayasa Mesin Vol 16 Issue 2, pp.	God Gunawan Ektor Pelat Lengkung terhada Ikal Dua Sudu 234 - 240, 2021
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	Portners Portners Title Selected recent publications from a total of approx. (give total number): Author(s) Title Any other information Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers Author(s)	Simulasi CFD Pengaruh Penggunaan Deffe Performa Turbin Air Savonius Sumbu Vert Indexed in SINTA Jurnal Rekayasa Mesin Vol 16 issue 2, pp. Gad Gunawan, Doddy Suanggana, Yun To Effect Of Deflector Angle Into Various Bia	Gad Gunawan Ektor Pelat Lengkung terhada Ikial Dua Sudu 234 - 240, 2021 ance Kusuma Priyanto des Configuration Of Single
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		Publisher, place of publication, date of publication or name of		2 pp 247 - 259, 2021
Organization Role Periode		A	l Bala I	Deviede

Name	Kholiq Deliasgarin Radyantho, S.T., M.T.			
Position	Lecturer			
Academic Career	Initial academic appointment	Institutio	n	Year
	Lecturer	Kalimantan Institute	of Technology	2021
	Habilitation (subject)	Institutio	n	Year
	Doctorate (subject)	Institutio	n	Year
	Postgraduate (subject)	Institutio		Year
	Mechanical Engineering	Sepuluh Nopember	-	2019-2021
	Undergraduate degree (subject)	Institutio		Year
	Mechanical Engineering	Sepuluh Nopember	,	2010-2014
	Position	Employe		Period
	Lecturer	Kalimantan Institute d		2022-now
Employment	Piping Engineer, Mechanical	PT. Goautama Sin		2018-2019
	Mechanical Engineer, Freelance	PT. ITS Tekno		2017-2021
	3D Designer and 3D Printing	Freelance	2	2020-2021
Research and development projects over the last 5 years	Name of project or research focus			
hesearch and development projects over the last 5 years	Period and any other information			
	Partners, if applicable			
	Amount of financing			
Industry collaborations over the last 5 years	Project title			
	Partners			
	Title			Year
Patents and proprietary rights	SEPEDA PASCA STROKE DAN PROSEDUR PEMAKAIANNYA U	NTUK REHABILITASI		2020
	Selected recent publications from a total of approx.			
	(give total number):			
	Author(s)	Kholiq D Radyantho, Batan I Made Londen, Rosadila		en, Rosadila Febritasari
Important publications over the last 5 years	Title	Experimental study of N process of aluminium 60		n rotary draw bending
	Any other information	Indexed		
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	AIP Conference Series V	ol. 2384 Issue 1, 2	021
A strategie in the ball of the strategie in the strategies	Organization	Role		Periode
Activities in specialist bodies over the last 5 years	Mechanical Engineering Post Graduate Student's Union	Head of Student		2017-2018

Name	Muchammad Jamil, S.T., M.T			
Position	Lecturer			
Academic Career	Initial academic appointment	Institution		Year
	Lecturer	Kalimantan Institute of Technology		2017
	Habilitation (subject)	Institution		Year
	Doctorate (subject)	Institution		Year
	Postgraduate (subject)	Institution		Year
	Mechanical Engineering	Sepuluh Nopember Institute of		2015-2017
	Undergraduate degree (subject)	Institution		Year
	Mechanical Engineering	Sepuluh Nopember Institute of		2012-2014
Employment	Position	Employer		Period
	Lecturer	Kalimantan Institute of Technology		2017-now
Research and development projects over the last 5 years	Name of project or research focus			
	Period and any other information			
	Partners, if applicable			
	Amount of financing			
Industry collaborations over the last 5 years	Project title	le		
	Partners			N.
Patents and proprietary rights	Title		Year	
Important publications over the last 5 years	Selected recent publications from a total of approx.			
	(give total number):	1		
	Author(s)			
	Title			
	Any other information			
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers			
	Organization	Role		Periode
Activities in specialist bodies over the last 5 years	-			