

Name	Gad Gunawan, S.T.,M.T.		
Position	Assistant Professor		
Academic Career	Initial academic appointment	Institution	Year
	Lecturer	Kalimantan Institute of Technology	2019
	Habilitation [German post-doctoral qualification] (subject)	Institution	Year
	Doctorate (subject)	Institution	Year
	Postgraduate (subject)	Institution	Year
	Mechanical Engineering	Bandung Institute of Technology	2016-2018
	Undergraduate degree (subject)	Institution	Year
Mechanical Engineering	Hasanuddin University	2008-2013	
Employment	Position	Employer	Period
	Lecturer	Kalimantan Institute of Technology	2019-now
Research and development projects over the last 5 years	Name of project or research focus	Utilization of Coffee Powder Waste (Spent Coffee Grounds) as Electrolytes for Bio Battery Applications	
	Period and any other information	2021	
	Partners, if applicable		
	Amount of financing	IDR 18.065.000	
	Name of project or research focus	Mechanical Planning of Sustainable Building Buildings on the Campus of the Kalimantan Institute of Technology	
	Period and any other information	2021	
	Partners, if applicable		
	Amount of financing	IDR 10.000.000	
	Name of project or research focus	Testing the Effect of The Number of Blade on the Performance of Archimedes Threaded Turbines	
	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 Alternative to Public Street Lighting Case Study Balikpapan – Samarinda High Way	
	Period and any other information	2020	
	Partners, if applicable		
	Amount of financing	IDR 15.000.000	
	Name of project or research focus	Potential Utilization of Biogas Energy Cow dung waste and Durian Skin as Renewable Energy desolate areas	
	Period and any other information	2020	
Partners, if applicable			
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		
Name of project or research focus	Design Build Dodol Mixer Machine With 10 Kg Capacity With Pulley And Belt		
Period and any other information	2019		
Partners, if applicable			
Amount of financing	IDR 20.000.000		
Industry collaborations over the last 5 years	Project title		
	Partners		
Patents and proprietary rights	Title	Year	
	-	-	
Important publications over the last 5 years	Selected recent publications from a total of approx. (give total number):	6	
	Author(s)	Fakhrul Widyantama, Daddy Suanggana, Gad Gunawan	
	Title	Simulasi CFD Pengaruh Penggunaan Deflektor Pelat Lengkung terhadap Performa Turbin Air Savonius Sumbu Vertikal Dua Sudu	
	Any other information	Indexed in SINTA	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Jurnal ReKayasa Mesin Vol 16 Issue 2, pp 234 - 240, 2021	
	Author(s)	Gad Gunawan , Dobby Suanggana, Yun Tonce Kusuma Priyanto	
	Title	Effect Of Deflector Angle Into Various Blades Configuration Of Single Stage Vertical Axis Savonius Hydro Turbine Performance	
	Any other information	Indexed in SINTA	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	FLYWHEEL: Jurnal Teknik Mesin Untirta Vol. 6 Issue 2, pp 1 - 6, 2020	
	Author(s)	Dobby Suanggana, Alfian Djafar, Gad Gunawan	
	Title	Analisis Pemanfaatan Energi Biogas Dari Campuran Limbah Kotoran Sapi Dan Kulit Durian Sebagai Energi Alternatif	
	Any other information	Indexed in SINTA	
	Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	JIT (Jurnal Teknologi Terpadu) Vol 8 Issue 2, pp 119 - 125, 2020	
Author(s)	Sugeng Imar Fauzil, Diniar Mungil Kurniawati, Gad Gunawan , Andre Amba Matarru		
Title	Studi Eksperimental Pengaruh Variasi Deflektor Pelat Lengkung terhadap Performa Turbin Air Savonius Sumbu Vertikal Dua Sudu		
Any other information	Indexed in SINTA		
Publisher, place of publication, date of publication or name of periodical, volume, issue, page numbers	Jurnal Informatika, Elektronika, Mesin Vol.13(1), pp 138 - 143, 2022		
Activities in specialist bodies over the last 5 years	Organization	Role	Periode