

Renewable Energy Engineering

AGRESO Projects

Sr. No.	Project Title	Principal Investigator	Period		Recommendation
			From	To	
1	Development of a biomass gasifier combustor of 200 Nm ³ /h capacity hot air production suitable for drying and thermal applications. (Concluded)	Dr. D. K. Vyas	2012	2014	
2	Implementation of effective Space Vector PWM scheme for a Multilevel Inverter for Stand-alone/off grid PV applications using MATLAB/Simulink	Er.J.Sravankumar	2013	2015	
3	Design and Development of Throat Type Updraft Biomass Gasifier for Thermal Application. (Recommended).	Dr. D. K. Vyas	2014	2016	Download
4	Development of Biomass Combustion based Drying System for Ginger and Turmeric. (Recommended).	Dr. D. K. Vyas	2016	2018	Download
5	Design and Development of a dual purpose solar cabinet food processor.	Er.J.Sravankumar	2015	2020	Patent
6	Drying of beet root (<i>Beta Vulgaris</i> L.) and tomatoes (<i>Lycopersicum esculentum</i>) (Concluded).	Dr. D. K. Vyas	2018	2021	
7	Design and development of solar powered pellet machine for biogas slurry	Dr.D.K.Vyas	2021	2025	Recommended

8	Experimental Investigation of energy yield from Bifacial Silicon Solar photovoltaic (PV) module and its comparison with monofacial solar photovoltaic module	Er.J.Sravankumar	2021	2024	Recommended
9	Impact assessment of Vertically mounted Agri-voltaic (Vertical Agri-voltaic) with bifacial PV modules in agriculture	Er.J.Sravankumar	2025	-	Continue