



Prathyusha Engineering College

Department of Electrical and Electronics Engineering

JOURNAL PUBLICATION

S.NO	NAME OF THE AUTHOR	TITLE OF THE PAPER	NAME OF THE JOURNAL	MONTH & YEAR OF PUBLICATION	PAGE NO VOL. NO & ISSUE NO	ISSN NO	IMPACT FACTOR
1.	Dr K. Sathiyasekar	Improving The Performance Of Solar Power Plants In Grid Connected Modes Using Altruistic Transformative Algorithm	ICTACT JOURNAL ON MICROELECTR ONICS,	JULY 2020	VOLUME: 06, ISSUE: 02	ISSN: 2395-1 680 (online)	-
2.	Dr K. Sathiyasekar, M.Preetha	Prevalent Glitches in Generation of Solar Power Using PV Panels - An Indian Scenario	Jour of Adv Research in Dynamical & Control Systems	2020	Vol. 12, 07-Special Issue, 2020	1943-0 23X	0.273 [SNIP]
3.	Dr K. Sathiyasekar	Effect Of Panel Materials On The Performance Of Solar Cells	Palarchs Journal Of Archaeology Of Egypt / Egyptology	2020		17(7), 5329-5 340. ISSN 1567-2 14x	1.50

INTERNATIONAL CONFERENCE

S.NO	NAME OF THE FACULTY	TOPIC	PLACE
1.	Dr K. Sathiyasekar	Optimization Of Power Quality In A Solar Pv Interfaced Distribution System Using D-B-D Based Ai -Techniques	Malla reddy college of engineering and technology, Hyderabad.

PATENT DETAILS:

Sl. No.	Application Number	Month & Year	Title	Status
1.	202041025510	July, 2020	System for Solar Powered Automated Multitasking Robot for Agricultural Applications	Published
2.	202041028086	July, 2020	IoT Based Smart Automated Aquaponics System	Published
3.	202041028431	July, 2020	A Restricted Elementary care in the Healthcare System with Block chain Technology	Published
4.	202041068487	Dec.,2020	A Smart Energy Metering System using Internet of Things	Published
5.	202011068486	Dec., 2020	A method for Rainfall Prediction using Artificial Neural Network	Published
6.	2021101292	April, 2021	An Novel Method for Empowering Edge Computing for source allocation based learning for Industrial IoT	Granted
7.	2021102588	May, 2021	Touchdown Aviation and Thrust Powered Runway with IoT	Granted