G. Pravalika

Third mile center

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Objective

To achieve high career growth through a continuous learning process thereby keeping myself dynamic, visionary and competitive with the changing scenario of the world

Work Experience

Working for Amazon as a Process associate from 21st March 2022 onwards

Key expertise

Programming languages:

* C ( Intermediate level)
* C++ ( Intermediate level)
* Python ( Basic Level)

Technology capabilities:

* Primary skills : Microsoft Power BI, DAX, Excel Power Pivot, MS SQL Server, SSAS
* Databases : SQL Server 2012/14
* Programming languages : SQL, T-SQL, DAX, M-Code
* Data Visualization : Microsoft Power BI
* ETL Tools : Power Query
* Analytical Tools : Power Pivot
* Reporting Tools : Excel, Excel Power View / Map, Power B
* Operating system : Windows Server 2012/10

Academic Background

Graduation: Electrical and Electronics Engineering (2014 - 2018)

Percentage: 76%

University: Sri Padmavati Mahila Visvavidyalayam (School of Engineering and Technology), Tirupati (AP)

Board of Intermediate Education: Mathematics, Physics, Chemistry (2012 – 2014)

Marks Scored: 968/1000

College / Institute: Narayana Junior College, Nellore (AP)

Board of Secondary Education: All General Subjects (2011 – 2012)

CGPA: 9.3/10

School: Shantiniketan High school, Nellore (AP)

Academic Projects

Simulink of Hybrid Low Power Wind Generation and PV Grid Connected system using MATLAB

Description: The Project is based on the Improvement of Power quality with Hybrid Power Generating system comprising both Wind and PV system. An improved MPPT is implemented for the Hybrid system which provides Maximum Power and helps to attain a Stable and Reliable Power from the Generation system both for the loads and the Utility Grid, thus improving both the Steady and Dynamic behavior of the whole Generation system. A Grid connected Control strategy is proposed keeping in view of the problems, which is based on the model of a Hybrid system with the load parallel in large systems. The Control strategy can not only make the full use of Photovoltaic (PV) Power, but can also maintain a synchronous voltage with a fluctuant Reactive load.

Power Generation Using Piezo Speed Breaker:

Description: The project covers how to use the energy when vehicles move over the speed breaker. This method is based largely on converting mechanical pressure into electrical energy based on the piezoelectric effect.

Academic Certifications

Paper presentations:

* Recent Trends in Lithium Ion batteries
* Smart Grid Versus Power Grid

Workshops:

* IoT ( Internet of Things ) by iBootUP IoT Series
* Mobile Robotics by TechnoGyanam

Academic Achievements and Awards

* Won National level Merit Scholarship of rupees 10,000 from the Central Government for intermediate score
* Won first Prize in Technical Quiz conducted in our campus
* Acted as One of the Coordinators for a Technical fest VIRINCHI - 2K18 held in our campus