**Satya Kumari Y**

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**EDUCATION**

**Jawaharlal Nehru Technological University, Kakinada, India 2016**

**Master of Technology in Electrical and Electronics Engineering**

Major on Power Electronics and electrical drives

**Jawaharlal Nehru Technological University, Kakinada, India 2014**

**Bachelor of Technology**

Major in Electrical and Electronics Engineering

Cumulative GPA: 7.43/10

**CERTIFICATIONS**

**Post-Graduation Program 2023**

* Data Science and Business Analytics from University of Texas, US Austin

Real time projects on E-Commerce, Statistics

Real time experience on Python Data Science, Data Visualization, Data Analytics.

**UNIVERSITY PROJECTS**

**Master’s Project:**

* Reduced Power electronic Components Using a New Cascade Structure in PV cell Based 3-phase Multi level Inverter Fed Induction Motor Based Application.

**Bachelor’s Projects:**

* + - * **Minor Project:** Solar Lightning System: To utilize solar light to electrify the remote areas, even store the solar energy and then use it for small-scale lightning applications.
      * **Major Project:** A New Converter for SRM Drive –To reduce the large torque ripples in switched reluctance motor by using the new converter and compare the results with asymmetric converter.

**WORKSHOPS**

* In-plant training / Development Program on “Emerging Trends in Research areas of Electrical Engineering”.
  + Course on MATLAB includes control systems designing and programing the kits.
  + Course on MS.Net, SQL server, ASP.Net.

**SKILLS**

**Technical Skills**: C, C++; Python, NumPy, Pandas, Matplotlib, R, SQL server.

**Languages:** Fluent in English, Telugu; Conversational Proficiency in Hindi

**Certifications & Training:** Workshop on Control systems, Embedded systems workshop, and presentation.

**Paper Publishing:** Published on Academic Project in International Journals.