

Enthusiastic, highly motivated Energy and Environment graduate passionate about planning and executing energy efficient measures in building sector. A highly capable leader who likes to take initiative and seek out new challenges. Proficient in a range of modern energy/building simulation software including, Auto Cad, Revit, eQuest, Design Builder. Capable of operating in independent and team based capacities to enhance design, development and execution of the building systems.

## EDUCATION

### Masters of Technology – Energy and Environment

Vellore Institute of Technology, Vellore

07/2017 – 04/2019

#### Courses:

- Alternate Fuels
- Renewable Energy Technologies
- Environmental Quality Monitoring
- Energy Audit, Conservation and Management
- Energy Systems Modelling and Analysis
- Design of Water and Waste water Treatment

### Bachelor of Engineering – Civil Engineering

Vel Tech Multi Tech Engineering College, Chennai

08/2011 – 05/2015

## WORK EXPERIENCE

### Sustainability Consultant

The Energy and Resources Institute

05/2019 – Present

Bangalore

Energy Conservation in Commercial Buildings

#### Achievements/Tasks

- Worked on adapting the Energy Conservation Building Code (ECBC) introduced by BEE, according to the requirement and climatic conditions of Karnataka.
- Performed building energy simulation for 6 Government Buildings with connected load above 100kW using eQuest and Design builder energy simulation tool, and provided recommendations to make the building a ECBC compliant building in the Design and Construction Stages.
- Conducted 8 Nos. of ECBC training programs for both Government and Private Stakeholders in Karnataka as a host and a speaker.

### Post Graduate Engineer Trainee/Jr. Executive

ENCON Energy Management Services Pvt. Ltd

05/2018 – 04/2019

Pune

Energy Conservation

#### Achievements/Tasks

- Worked on various Energy Audit projects including Thermal Power Plant, Banks, Industries, Hotels and Hospitals.
- Individually conducted electrical and safety audit for 19 banks in Mumbai

### Site Engineer

Siva Swathi Construction

01/2016 – 01/2017

Chennai

Building Construction

### Site Engineer

B & B Builders

09/2015 – 12/2015

Vellore

Building Construction

## SKILLS

Design Software: AutoCAD, Revit, SketchUp.

Building Modelling and Energy Simulation Tools: eQuest, Design Builder.

Microsoft office software: Word, Excel and PowerPoint

## ACADEMIC PROJECTS

07/2017 – 04/2019

Vellore

Project Title 1 : Comprehensive Energy Audit of Commercial Buildings in Hospitality Sector

Project Title 2 : Electro-kinetic remediation of soil contaminated with heavy metals.

Project Title 3 : Theoretical design of constructed wetland for Vellore Institute of Technology

08/2011 – 05/2015

Chennai

Project Title : Analysis of Ground Water near Solid Waste Dumping Site (Perungudi, Chennai)