

**MADESHWARAN V**

HVAC Professional with 1 Year of Experience  
M.E. Thermal Engineering with SPLN R & AC  
College of Engineering Guindy, Anna University.  
Mobile: 9597016631, 8681037601

Address : 7/217, Okkilipatti (Po)  
Sankari (Tk)  
Salem (Dt)-637107  
Email : [madeshwaran438@gmail.com](mailto:madeshwaran438@gmail.com)  
D.O.B : July 17<sup>th</sup>, 1994

**OBJECTIVE:** Intend to build a career with a leading corporate of hi-tech environment with Committed & dedicated people, which will help me to explore myself fully and realize my potential. I would like to work as a key player in a challenging & creative environment towards the company growth.

**WORK HISTORY**

Company: GEMINI COOLING SYSTEM PROJECTS PVT LTD, Chennai

Designation: Site Engineer (Trainee – Engineer) **(July 2019 – Present)**

Responsibilities:

- Closely monitor site activities to ensure quality of work is in compliance with approved shop drawing and Specification and get daily progress report from site supervisor (or) foreman and update to project Engineer (or) Manager.
- Assist the Commissioning Team in Pre-commissioning & Commissioning stages of all HVAC Equipment's.
- Preparing the relevant documents to Conduct Testing inspection of Installed HVAC Equipment.
- Ensure Installation tools availability at site, Site Clearance, Arrange the sufficient manpower, and to maintain safety in all HVAC Site activities as per Company Guidelines.

**ACADEMIC QUALIFICATIONS**

Degree	Institute	Year	Percentage/CGPA
M.E. (Thermal Engineering) With SPLN R & AC	College of Engineering Guindy ( Anna University, Chennai)	2017-2019	6.4 CGPA
B.E. (Mechanical Engineering )	K.S.R. College of Engineering, (Anna University, Chennai)	2012-2016	7.65 CGPA
HSC (State board)	Government Higher Secondary School, (State board)	2011-2012	85.5 %
SSLC (State board)	Government Higher Secondary School, (State board)	2009-2010	87.6 %

**KEY COMPETENCIES**

- Project Management & Site Management
- Refrigeration and Air Conditioning System Design
- Thermal & Heat Transfer

## COMPUTER SKILL SET

- MAT LAB.
- CAM/CAD, AUTO CAD.
- Scripting Language: MS OFFICE, MS EXCEL.

## CURRICULAR PROJECT

### BE PROJECT

**Title: “Improving the Boiler efficiency by reducing the flue gas losses in Thermal power plants”**

#### Achievements in the project

1. Improvement of 2% Boiler efficiency has been achieved from Thermodynamic analysis
2. A New optimized Boiler design specifications has been proposed such that new design can be implemented with less investment which leads to have less Payback Period.

### ME PROJECT

**Title: “Polygeneration Technology for coastal area energy applications”**

To propose and Design a Vapour Absorption Refrigeration based Polygeneration system for Ice making , Fish drying, Power generation(Electricity) & Desalination applications for coastal areas.

## CO-CURRICULAR ACTIVITIES

#### Undergone Industrial Visits to:

- Roots India, Coimbatore.
- Industrial Visit to TANFED Cold Storage, Chennai.

#### Undergone an In plant Training to:

- The India Cements Limited, Sankari.(During from 15/06/2015 to 19/06/215)

#### Paper presentation and Workshop attended:

- Paper Presented on the topic of ‘**Modern trends in welding technology**’ at Mahendra Institute of Technology, Malasamuthiram.
- Attended the International workshop on ‘**Integrated CO2 refrigeration Systems for LT, MT&HT applications and supermarkets**’ at IIT Chennai.
- Paper presented and got first in the Daikin Global Student Poster Competition on the topic of ‘**Enhancing Rural Economy Through Cascaded Energy Systems (ERECES) For Agro Products**’ held in concurrence with REFCOLD India in Gandhi nagar, Gujarat.

## PERSONAL TRAITS

- Adaptability
- Quick Learner
- Ability to work in Team

## ACHIEVEMENTS

- Secured School third Place in SSLC (10<sup>th</sup> Standard) Examination
- Secured School second Place in HSC (12<sup>th</sup> Standard) Examination

## HOBBIES

- Surfing the Internet
- Playing Cricket & Volley ball

## PERSONAL DETAILS

Father's name : **Mr. P VENGATACHALAM**  
Mother's name : **Mrs. V.MANIMEKALAI**  
Date of birth : 17.07.1994  
Gender : Male  
Languages known : English, Tamil  
Contact No : 09597016631  
Marital status : Unmarried

## DECLARATION

I declare that the information and facts stated above are true and correct to the best of my knowledge and belief.

Date:

Place: Chennai

Yours faith fully,

Madeshwaran V