**CURRICULUM VITAE**

**Objective**

With **8+** years experience in **HVAC DESIGN -DRAFTING,** Seeking a challenging position that will provide an opportunity to learn, perform and excel in a competitive environment and a stable growth for career development.

**Personal details**

Name : **PERIYASAMY.K**

Date of Birth : 21.05.1989 Nationality : Indian

Sex : Male

Marital Status : Married

Contact:

**+91-9842965767**,

[Email:**periyasamy301@gmail.com**](mailto:periyasamy301@gmail.com)

**Software Exposure:**

Revit – MEP, Auto CAD,

HAP – Hourly Analysis Program (E20) Duct Calculator,

Ms – Office. **Languages Known:**

Tamil, English

**Passport Details:**

Passport No : M8109396 Place of Issue : Madurai Date of Expiry : 07.04.2025

**Address:**

East Street, A.Subramaniapuram, Thenmalai Post, Sivagiri T.K, Tirunelveli District - 627757

# Professional Details:

**Professional Qualification:**

**:B.E PRODUCTION ENGINEERING (MECHANICAL)**

**:DIPLOMA IN MECHANICAL ENGINEERING (R&AC)**

**Professional Experience**

8+ Years of Experience in HVAC Design-Drafting.

**Summary of Professional Experience**

# Present Employment

* Working as Design / Drafting Engineer in **M/s. DKS Pharmatech Consultants (Chennai)** from Sep 2009 to till date

# Previous Employment

* Worked as HVAC Draftsman in **M/s. Nival Tech Consulting Engineers** from May 2008 to May 2009.

# Job profile:

* Equipment design.
* HVAC, Piping drawings using AutoCAD & Revit MEP
* Coordinating with other discipline for layout preparation.
* Preparing BOQ and offer.
* Preparing cost estimation and comparisons

**My Roles & Responsibilities**

# Design Related Responsibilities:

* Preparing the concept layout and detailed design (like clean room partition panel, HVAC, Flooring, piping) as per client requirements.
* Designing & preparation of AC plant, Ducting, piping layout with bill of materials for various applications such as Pharmaceutical industries, hotels, offices, hospitals, restaurants, banks, theatres, auditoriums, Laboratories and etc.,
* Selection of Equipments like AHU, CDU, Cooling Tower, Chiller.
* HVAC duct designing using duct calculator, preparation of single & double line duct routing drawings, plan, section and AHU room layout.
* Preparing duct area calculation.
* Preparing heat load calculation arrive Hourly analysis program as per site condition.
* Preparation of all zones drawings like AHU zoning, pressure zoning, clean class zoning, Temperature zoning and Relative Humidity zoning.
* Preparation of Airflow schematic and utility piping schematic.
* To calculate the CFM as per room classification (like Class 1K, 10K, 100K & comfort)
* Preparation of Turnkey offers, like, Clean room panel, HVAC, Flooring & Utility
* Preparation of technical submittals as per tender specification.
* Having basic knowledge in electrical, data, voice & fire alarm systems.
* Prepared cost comparison.
* Prepared Utility piping layout, plan, section & elevation. **Site Related Responsibilities:**
* Final Duct measurement end of the site execution and preparing as built layout.
* Coordination with clients, architects, interiors and other contractors.
* Giving approval to vendors for technical data sheets & GA drawing.
* **Knowledge of**
* Spécifications & Standards
  + ASHRAE
  + ISHRAE
  + SMACNA

**Academic Profile:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COURSE** | **NAME OF THE INSTITUTION** | **BOARD/ UNIVERSITY** | **YEAR** | **% OF MARKS** |
| **B.E**  Production Engineering (Mechanical) | Madras Institute of Technology, Chennai. | Anna University, Chennai | 2011-  2014 | **76.80** |
| **Diploma** in Mechanical (R & AC) | P.A.C.Ramasamy Raja  Polytechnic College, Rajapalayam. | Directorate of  Technical Education | 2006-  2008 | **84.80** |
| **HSC** - 12th | P T K HSS  Meenachipuram. | State Board | 2005-  2006 | **79.66** |
| **SSLC** - 10th | Govt. Hr.Sec School Thenmalai. | State Board | 2003-  2004 | **90.00** |

# PROJECTS INVOLVED ( DOMESTIC ):

Project : Proposed Liquid Plant, Tirutani.

Client : The Chemical Engineering Corporation Pvt. Ltd.

Software : AutoCAD, HAP & MS Office.

Project : Proposed New R&D and production plant, Chennai. Client : Arudaavis Labs Pvt. Ltd.

Software : AutoCAD, HAP & MS Office.

Project : Medical Devices Manufacturing Facility. Coimbatore Client : Lakshmi Life Sciences Ltd.

Software : AutoCAD, HAP & MS Office.

Project : New R&D Facility, Hosur.

Client : Global Calcium Private Ltd.

Software : AutoCAD, HAP & MS Office.

Project : Proposed Ayurvedic Medicine Facility (Classical Medicines) Client : Dhathri Ayurveda Pvt. Ltd.

Software : AutoCAD, HAP & MS Office.

Project : Proposed Vaccination Production Facility, Chennai

Client : Cancer Institute, Adyar.

Software : AutoCAD, HAP & MS Office.

Project : Global Stability Centre at TICEL Bio Park,

Client : Actavis Pharma Development Centre, Chennai.

Software : AutoCAD, HAP & MS Office.

Project : Proposed Common Dosage Formulation Facility

Client : IL & FS Cluster Development Centre, Kerala

Software : AutoCAD, HAP & MS Office.

Project : Crystallize Hydrochloride Production Block

Client : Pharmazell India Pvt. Ltd, Chennai.

Software : AutoCAD, HAP & MS Office.

Project : MOB Lab Facility

Client : Valspar India Coating Pvt. Ltd, Bangalore.

Software : AutoCAD, HAP & MS Office.

Project : Proposed OSD Facility, Pudhuchery

Client : AS Pharmaceutical (India) Pvt. Ltd.

Software : AutoCAD, HAP & MS Office.

Project : S12 Block animal facility

Client : Syngene Biocon International, Bangalore.

Software : AutoCAD, HAP & MS Office.

Project : Proposed Regional Semen Station.

Client : NDDB Diary Services.

Software : AutoCAD, HAP & MS Office.

Project : Proposed Packing Area.

Client : Indus Coffee Pvt. Ltd

Software : AutoCAD, HAP & MS Office.

Project : Proposed Lamination Area.

Client : Harsha Exito Engg. Pvt. Ltd

Software : Revit MEP, AutoCAD, HAP & MS Office.

# DECLARATION

I hereby declare that the above details are true to the best of my knowledge and

belief.

Place: Yours truly

Date:

# PERIYASAMY.K