

# CURRICULUM VITAE

## 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

## 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.

## 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, Floorings, 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>B.E</b> Production Engineering (Mechanical)	Madras Institute of Technology, Chennai.	Anna University, Chennai	2011– 2014	<b>76.80</b>
<b>Diploma</b> in Mechanical (R & AC)	P.A.C.Ramasamy Raja Polytechnic College, Rajapalayam.	Directorate of Technical Education	2006– 2008	<b>84.80</b>
<b>HSC – 12<sup>th</sup></b>	P T K HSS Meenachipuram.	State Board	2005– 2006	<b>79.66</b>
<b>SSLC – 10<sup>th</sup></b>	Govt. Hr.Sec School Thenmalai.	State Board	2003– 2004	<b>90.00</b>

**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	:	NDDDB 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:  
Date:

Yours truly

**PERIYASAMY.K**