

Pratik Naik

Mechanical Engineer

A Seasoned Professional with post-graduation in Heat Power Engineering having freelancing experience in HVAC Design and 4+ years of teaching experience. Have worked on real life projects for construction companies.



Skills Summary

Worked on real life projects of Residential Building & Cancer Hospital includes

- Building Heating Load Calculation
- Use of Standard and Applicable Codes for the Design of System (ISHRAE/ASHRAE/NBC/NFPA)
- Design of Ducting, Piping, Grilles and Diffuser
- Design of Basement Ventilation, Pressurisation, Smoke Evacuation System
- System & Equipment selection for VRF, Radiant System, Chilled Water, Passive Cooling System
- Preparation of DBR, Budgetary Estimate and SLD for Client Approval
- Preparation of BOQ, Schedule, Estimated BOQ and Tendering
- Preparation of Technical Specification



Experience

2014-01 - 2018-08

Assistant Professor

Affiliated Colleges of Savitribai Phule Pune University, Pune, India

Teaching Subjects like Refrigeration & Air-conditioning, Thermodynamics, Turbo machines

Working with Vapour Compression System to improve COP



Certifications

2019-08

Advanced Diploma Training in HVAC Design Engineering from MECCI Engineers Pvt Ltd



Education

2010-08 - 2013-12

MTech: Heat Power Engineering

Nagpur University - India

- Dissertation: Optimization of Effective Parameters of Pongamia Pinnata (Karanja) Oil using Taguchi Method
- Majored in Heat Transfer, Thermodynamics, Refrigeration & Air-conditioning

2004-08 - 2010-02

BE: Mechanical Engineering

Nagpur University - India

- Thesis: Design and Fabrication of Vacuum Lift



Personal Info

Address

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Strengths

- Proficient with MIS & ERP
- Strong Planning Skill
- Adaptable nature & Team player
- Smart Working
- Zeal to learn new things
- Good Leadership and Organizing Qualities



Skills

AutoCAD



MS Word



MS Excel



Interests

Landscape Photography

Swimming