

Suresh Tenginakayi

BIM Specialist

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Present Address:

Vijaynagar, Bengaluru

Karnataka-560040

Carrier Objective:

To pursue a challenging career and be a part of progressive organization that gives a scope to enhance knowledge and utilizing my skills towards the growth of the organization.

Educational Qualification:

Qualification	Board/University	Year	Percentage
B.E (Mechanical)	Visvesvaraya Tecnological University	2017	67%
Intermediate	Karnataka PU Board	2013	86%
High School	Karnataka Secondary Education Examination Board	2011	85%

Professional Experience:

- ✓ **Company Name** : Desapex Engineering Consultant LLP, Bengaluru.
- ✓ **Program Name** : HVAC Designer and Revit MEP Modeling
- ✓ **Experience** : 6 months

- ✓ **Company Name** : Aashir Engineering Pvt.ltd, Ahmadabad.
- ✓ **Program Name** : BIM Specialist
- ✓ **Experience** : 2years 3months

- ✓ **Company Name** : Hira Walraven Pvt.ltd, Banglore.
- ✓ **Program Name** : BIM Specialist
- ✓ **Experience** : 5months-Present

Technical Skills:

- ✓ Plumbing Design &Modeling
- ✓ Firefighting Design &Modeling
- ✓ HVAC System Design &Modeling
- ✓ MEP Co-ordination
- ✓ Autodesk Revit
- ✓ AutoCAD
- ✓ Navisworks

- ✓ ANSYS
- ✓ SOLID EDGE
- ✓ CATIA V5
- ✓ Microsoft Office Suite (Word, Excel & Power Point)

Profile Summary:

- ✓ Link OR Export 2D auto cad file and drawing the architecture model.
- ✓ Creation of Spaces and Zones.
- ✓ Creating central file and working on local file.
- ✓ Heat load calculations (manual and also on REVIT tool).
- ✓ Duct size calculations and ducting in REVIT tool.
- ✓ Plumbing design and Modeling (domestic water supply piping & sanitary piping).
- ✓ Toilet ventilation as per guidelines by NBC part 8.
- ✓ Co-ordination and Clash Detection of MEP services.
- ✓ Using Worksets for Creating Mechanical, Electrical, Plumbing Water Supply, Plumbing Drainage, Fire fighting trades.
- ✓ Using Filters, override for Pipe type, Pipe fittings, Pipe Accessories, Ducts, Cable trays in the project.
- ✓ Creating Project Parameters, Shared Parameters and applying Parameters while Revit Family Creation.
- ✓ Providing Shop drawings for BIM MEP services.
- ✓ Have excellent knowledge in Revit Links, Cad links, import categories, Workset, interference checking, visibility, view range, view template.
- ✓ Creating families.
- ✓ Fire Fighting Design and Modeling, Pipe sizing based on number of sprinklers for Basement areas and Typical floors.
- ✓ Electrical cable tray modeling and Placing Lighting Fixtures.
- ✓ Preparing clash detection reports in Navisworks.
- ✓ Preparing Bill of Quantities.

Projects Involved in:

- ✓ GMR Goa International Airport Limited(GGIAL).
- ✓ New Passenger Terminal Of Philippines Airport.
- ✓ High Rise and Commercial Building, Hotels, Hospitals.
- ✓ BIAL-Bangalore International Airport Ltd.(Terminal 2)

Academic Project:

Heat Transfer characteristics of the circular jet with vortex generator impinging on a flat surface.

Description: Impingement of air jet over a flat surface with a help of blower through a straight circular nozzle. The temperature distribution on a flat surface is measured by the thermal camera for a different nozzle to plate (Z/D) distance keeping Reynolds number constant. The experiment is performed by

changing the nozzle configuration by adding arrays of triangular tabs to the exit of turbulent round impinging jets issuing from a long pipe. We observed that enhancement in heat transfer takes place more by adding arrays of triangular tabs than in straight circular nozzle.

Training and Certification:

- ✓ Completed certified NPTEL course on “Product design and development”.
- ✓ Completed certified course in CATIA Software Solution by Dassault Systems.
- ✓ Wheelbox Employability Skill Test Certificate.
- ✓ Attended workshop on TOOLING AND TOOL EXPO.

Interpersonal Skills:

- ✓ Ability to rapidly build relationship and set up trust.
- ✓ Confident and Determined.
- ✓ Good Listener.
- ✓ Self-Motivated.
- ✓ Good Learner.

Personal details:

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|-------------------------------|-----------------------------------|
| ✓ Father's Name | :- Nagappa Tenginakayi |
| ✓ Permanent Address | :- Bangalore, Karnataka-560038 |
| ✓ Date of Birth | :- 22 nd November 1995 |
| ✓ Language Known | :- English, Hindi, Kannada, |
| ✓ Nationality/Religion | :- Indian / Hindu |

Declaration:

I do hereby declare that the above information is true to the best of my knowledge.

Place:

Suresh Tenginakayi

Date: