

# CURRICULUM VITAE

**JITENDRA PRASAD MISHRA**

**Phone no: - +91 7978661012**

**Email id: - jitendraprasadmishra1@gmail.com**



## CAREER

To build up my experience by putting all my efforts and my knowledge in the field of **Heating Ventilation and Air Conditioning Systems (HVAC)** for the accreditation of quality and profitability of the organization and executive the works given to me in a participative approach for the benefit of the Company.

## EDUCATIONAL QUALIFICATION

COURSE	INSTITUTE	DURATION	%MARK/CGPA
10 <sup>th</sup> (HSE)	SARASWATI VIDYA MANDIR	2010	73.50
12 <sup>th</sup> (CHSE)	CHRIST COLLEGE	2010-2012	58.50
B.Tech (BPUT)	ABIT	2012-2016	7.13
Post Graduate in Tool Engineering	CTTC	2016	69.80
Fire & Industrial Safety Management	OIFESM	2017	88.65

## WORK EXPERIENCE

- Working as **JUNIOR ENGINEER BIM** in “Weaverbird Engineering & Technology”, BBSR from November 2018.
- MEP designing and drafting by using **AutoCAD & REVIT** software.
- Working with Architectural, Mechanical Drafting & BIM Modeling.
- Experienced with AutoCAD 2016 & Revit 2016,2017,2018& 2019.
- Proficiency in BIM LOD 200 to 400.

## **JOB PROFILE**

It was involved in design, drafting, checking, and quantity take-off of **Air Conditioning** system for multistoried building. The duties and responsibilities which I can handle independently and give the best output to the company are as given below.

1. Air Condition load calculation using
  - Manual
  - E20 chart
  - Carrier block load 4.15
  - HAP 4.90
2. Selecting of machine
  - Chiller
  - FCU
  - AHU
3. Duct designing using
  - Chart
  - Duct sizer
4. Calculation of static pressure and fan selection
5. Design of chilled water pipes
6. Pump fittings and valve selection
7. Pump head calculation
8. Air distribution and selection of air terminals
9. Estimation of Air conditioning work
10. Issuing proper instruction and technical specifications to site supervisor
11. 3d modeling and shop drawing preparation of HVAC services
12. Coordination with other building services (plumbing & electrical services)
13. Schedule preparation of different HVAC items
14. CAD services will include 2D drafting in AutoCAD
15. Converting the CAD drawings into PDF formats showing various layers
16. Expertise in Mechanical Drafting and Designing using AutoCAD
17. Prepare detailed drawings of commercial/institutional buildings and site design

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## **SOFTWARE SKILLS**

### **➤ HVAC Software's**

HAP

Beta

Excel sheet programme

Duct Sizer

Pipe Sizer

➤ **Other Software's**

AutoCAD

REVIT

CATIA

Creo

Solid Works

MS Office

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**PROJECT EXECUTED IN HVAC**

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| <p>1. D-FOR – Union Street,<br/>Location: United Kingdom<br/>Building: Business<br/>Capacity: 135 TR (Air Cooled Chiller)<br/>Floor: Three<br/>Project: Auto CAD</p> <p>3. Wicklow Country Council (WLCC),<br/>Location: Ireland<br/>Building: Residential<br/>Capacity: 48 TR (Package A/C)<br/>Floor: Two<br/>Project: Auto CAD</p> <p>5. PEBE-Cashel Palace Hotel,<br/>Location: Ireland<br/>Building: Hotel<br/>Capacity: 350 TR (Air Cooled Chiller)<br/>Floor: Four<br/>Project: Auto CAD</p> <p>7. SDSL-Exeter Royal Academy for Deaf<br/>Education,<br/>Location: United Kingdom<br/>Building: Educational<br/>Capacity: 70 TR (Package A/C)<br/>Floor: Two<br/>Project: REVIT</p> | <p>2. D-FOR – Cube,<br/>Location: United Kingdom<br/>Building: Business<br/>Capacity: 160 TR (VRF)<br/>Floor: Four<br/>Project: Auto CAD</p> <p>4. SFSF-Hamad Port Project,<br/>Location: Qatar<br/>Building: Storage<br/>Capacity: 120 TR (Package A/C)<br/>Floor: Two<br/>Project: Auto CAD</p> <p>6. PEBE-Cherry wood Town Center<br/>Development,<br/>Location: Ireland<br/>Building: Residential<br/>Capacity: 35 TR (Ductable Split A/C)<br/>Floor: Two<br/>Project: REVIT</p> <p>8. CUNDAL-Trimontium Museum,<br/>Location: United Kingdom<br/>Building: Assembly<br/>Capacity: 55 TR (VRF)<br/>Floor: Two<br/>Project: REVIT</p> |
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| <p>9. CUNDAL-ALTONA-Ware House,<br/>Location: United Kingdom<br/>Building: Storage<br/>Capacity: 80 TR (Package A/C)<br/>Floor: Two<br/>Project: REVIT</p>                       | <p>10. CUNDAL-Pakington Street,<br/>Location: Australia<br/>Building: Residential<br/>Capacity: 25 TR (Ductable Split A/C)<br/>Floor: Two<br/>Project: REVIT</p>            |
| <p>11. Weaverbird Engineering &amp; Technology<br/>Location: India, Bhubaneswar<br/>Building: Office<br/>Capacity: 120 TR (VRV)<br/>Floor: Four<br/>Project: Auto CAD, REVIT</p> | <p>12. KEMPEGOWDA INTERNATIONAL<br/>AIRPORT,<br/>Location: India, Karnataka, Bengaluru<br/>Building: International Airport<br/>Floor: Five<br/>Project: Auto CAD, REVIT</p> |
| <p>13. AIIMS GUNTUR<br/>Location: India, Andhra Pradesh<br/>Building: Hospital<br/>Floor: Seven<br/>Project: Auto CAD</p>  |   |

### **MACHINARY SKILLS**

- Tool Room Lathe
- Vertical Milling and Turret Milling machine
- Surface Grinding, Taper Grinding and Cylindrical Grinding machine
- CNC Milling & Turning

### **PROJECT**

#### **During B.Tech**

Designed & made a “Semi Automatic Paper Plate Making Machine”.

**Description:** It is a machine having punch & die. A heating coil is assembled with the punch. When motor starts the heated punch press the paper and make the plate.

### **EXTRACURRICULAR ACTIVITY**

- Complete project on "MANUFACTURING OF HAND INJECTION MOULD" in CTTC.
- Complete project on "PORTABLE VICE" in CTTC.
- Attend FIRST AID training.

- Completed 30 days workshop on “Design & Assembling in Automobile Engineering” in Innodust Techsolution Pvt. Ltd.
- Diploma in “HVAC Designing & Installation” from SM TECHNO ENGINEERS, Santoshnagar, Hyderabad.

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### **INTEREST & HOBBIES**

- Collecting old coins.
- Playing Badminton.
- Surfing on internet.

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### **STRENGTHS**

- Ability to learn and adapt to new field quickly.
- Ability to work and co-ordinate in a team effectively.
- Good communication skill.
- I take responsibility of team’s work and trust myself when I do a job.
- Have a quality of improving myself on regular basis.

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### **PERSONAL DETAILS**

- **Name :** Jitendra Prasad Mishra
- **Father’s name :** Rabinarayan Mishra
- **Date of birth :** 1<sup>st</sup> March 1995
- **Sex :** Male
- **Marital status :** Unmarried
- **Nationality :** Indian
- **Permanent Address :** Plot no:1F/503,CDA  
District-Cuttack, Pin-753014
- **Blood group :** AB -ve
- **Language known :** English, Hindi & Oriya.
- **Phone No :** 7978661012

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### **DECLARATION**

I hereby declare that the above-mentioned information is true to my knowledge and belief.

**Date: -**

**Place: -**

**Signature**