

MOHAMMED SHAKEEB AHMED

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Address: - 13-1-181/A Snehapuri colony,
Motinagar, Borabanda, Hyderabad, 500018.

CAREER OBJECTIVE:

Seeking a challenging position of Revit-MEP/HVAC Design and Drafting which will offer me professional growth as well as future career advancement opportunities in a renowned organization.

EDUCATIONAL QUALIFICATION:

LEVEL OF EDUCATION	INSTITUTION	BOARD/UNIVERSITY	YEAR OF PASSING	AGGREGATE (in %)
B.E (MECHANICAL)	Muffakham Jah College of Engineering & Technology	OsmaniaUniversity, Hyderabad	2019	74%
Intermediate (MPC stream)	MS. Junior College	Board of Intermediate Education, A.P.	2015	96%
S.S.C	St. Isaac Advent High School	Board of Secondary Education, A.P.	2013	83%

ACADEMIC PROJECT:

DESIGN AND FABRICATION OF VERTICAL AXIS WIND TURBINE:

Duration: 4 months Team Size: 4

- The main objective of this project is to focus on energy generation and efficiency of turbine can be increases by placing a wind deflectors. We have fabricated a small turbine practically and test the analysis of wind. The overall design and fabrication of this project is to get maximum efficiency and good efficient model. Finally we concluded that turbine with wind deflector has more efficiency than without deflector.

PROFESSIONAL TRAINING:

KG-MECH Electro-Mechanical pvt.ltd.

➤ **Real time training in MEP-Design and Drafting.**

Design and Drafting of Heating,Ventilation and Air conditioning,Electrical,Revit-MEP.

HVAC TRAINING DETAILS:

- Heat Load Calculations on E-20 form, HAP Software.
- Designing of HVAC mechanical system using relevant codes like ASHRAE, SMACNA etc.
- Design and draft proper design of supply and return duct systems using AUTOCAD.
- Planning and Designing HVAC systems for Residential and Commercial buildings.
- Preparation of design and technical specifications including head load calculation, selection of equipment, duct designing, pipe size calculation, CFM & velocity calculation, distribution & balancing etc.
- Duct sizing calculation by using Mc-quay software.
- Selection of chillers through catalogue of CARRIER on basis of TR capacity required for complete G+5 floors building.
- Pump head calculation.
- Static pressure calculation for AHU fan capacity.
- Duct Design with Equal friction method.
- Incorporating the standards in the Shop drawings and Sections.

ELECTRICAL TRAINING DETAILS:

- Preparation of load schedule according to standards.
- Selection of transformer/DG capacity and number with necessary metering and protection.
- Preparation of detail main single line schematic.
- Short circuit & voltage drop calculation at each level of distribution.
- Selection of cable size.
- Preparation of sectional drawings, LT switch board and busbar sizing.
- Design of earthing & lightning protection system.
- Selection of bus bar and its calculation.
- Placement of switch boards, sockets,etc according to installation standards.
- Preparation of lighting and power layouts.

REVIT-MEP TRAINING DETAIL:

- Preparation of 3D-Models and Annotation from 2D-drawings.
- Modelling of Ducting system,Chilled water piping,Plumbing and Drainage system.
- To check clash detection and resolve the clashes.

PROFESSIONAL SKILLS:

- AUTOCAD.
- SOLIDWORKS.
- REVIT-MEP.
- HAP 4.5.
- ANSYS.
- MCQUAY DUCT SIZER.

PERSONAL SKILLS:

- Commitment towards work.
- Innovative, Dynamic and confident.
- Self Confidence.
- I am flexible within the working environment and able to adapt quickly and positively to challenging situations.

EXTRA CURRICULAR ACTIVITIES:

- Participated in Mega ATV championship.
- Participated in TMREIS(Telangana minorities residential educational institutions society) on awareness of robotics program which was organized by the IEEE (MJCET).

PERSONAL DETAILS:

Name	:	MOHAMMED SHAKEEB AHMED
Father's Name	:	MOHAMMED SHAFIULLA
Address	:	13-1-181 Sneha puri colony,Borabanda,Hyderabad-18.
Date of birth	:	15th July, 1997
Mail ID	:	shakeebahmed36@gmail.com
Hobbies	:	Playing Cricket, Volley ball and Surfing internet.
Gender	:	Male
Languages known	:	English, Telugu, Urdu and Hindi.

(MOHAMMED SHAKEEB AHMED)