

CURRICULUM VITAE

Altaf Husain

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CAREER OBJECTIVE:

To work for an organization which offers a challenging opportunity to enhance my knowledge and skills that would allow me to contribute towards betterment of the organization and society as well.

WORKING EXPERIENCE:

2+ year of experience in Steel Structures after **M.Tech. (Structures)**. Working with **ROARK CONSULTING ENGINEERS LLP, Noida, Uttar Pradesh** as **Structural Engineer** since **March 2019 to till date**

Company Profile:

ROARK CONSULTING ENGINEERS LLP a company executes Indian/US/International Projects from planning to structural designing and all other associated activities. The Company deals in Engineering Consultation work for Steel/RCC/Wood Structure.

Job Profile:

- Analysis & Design of steel structures like Pre Engineered Building, Stair, Canopy using governing codes for different units of Commercial and Industrial complex for its client on STAAD Pro as well as manually.
- Design of connections for Steel structure like Pipe rack, Commercial and Industrial building as per AISC manual as well as on RAM.
- Design of Base Plate and Anchor Bolt as per AISC manual
- Getting design approval from Prime Consultant /Clients.
- Preparation & Checking of General Arrangement and Detailed Structural Drawings.

Major project Handled:

- **Salt River Material Group, Arizona-USA:** Coronado generating station- Fly ash recovery system in which classifier and SST bin structure made of Hot rolled steel and cold form steel. In this project, we designed pipe rack & screener structure platform connection by using AISC manual 14th edition by LRFD method. This building have shear connection, moment connections and bracing connections. Shear connections like Double Angle bolted-Welded/Welded-Bolted and Single Plate Connections designed manually.
- **Western Facilities LLC, Arizona-USA:** Multi-storey Commercial building made of Hot rolled steel and cold form steel. In this project, we designed building connection by using AISC manual 14th edition by ASD method. This building have shear connection, moment connections and bracing connections. Bracing connections designed by using Unified Force Method using AISC manual 14th Edition on RAM and manually.
- **Entrada Creative Office, California-USA:** 20 Story Comercial Building made of hot rolled Steel and cold form steel. In this project, we designed the steel stairs and stair connections. Steel Stairs designed by AISC Manual 14th edition using LRFD method. Stairs designed to resist gravity and lateral loads. Stairs designed to accommodate the lateral drift due to building on the stairs. Lateral loads calculated manually using ASCE7-10. Stairs designed using Staad Pro. Base plate is designed manually and anchor bolt in Hilti software

- **Qetaifan Island North Phase-I, Doha, Qatar:** Water Park having structure made of wood and steel consist of number of themed tower with height 12m and canopy spanning 24x10m. In this project we designed base plate, shear and moment connection using steel plate/cross plate bolted/welded for wooden beam and column joint using BS EN 1993-1-8:2005

PROFESSIONAL QUALIFICATION:

- **Master of Technology** (Structural Engineering) from *Institute of Engineering and Technology- Lucknow* with CGPA of 8.17 in 2018.
- **Bachelor of Technology** (Civil Engineering) from *Shri Ramswaroop Memorial Group of Professional Colleges- Lucknow* with 75.28% in 2016.

EDUCATIONAL QUALIFICATION:

- Intermediate passed from *New Horizon School- New Delhi, CBSE Board* in 2011 with 78%.
- High School passed from *ST Xavier's High School-Basti-UP, CBSE Board* in 2009 with 85 %.

SOFTWARE COGNIZANCE:

- Knowledge of STAAD PRO, RAM, ETABS, SAFE and SAP 2000.
- Comfortable with Operating Systems – Windows 7 & 8.
- Knowledge of Professional Software like MS Word, Power Point, MS Excel.

CODES /STANDARD AWARENESS

- AISC, INDIAN CODES/STANDARDS

PAPER PRESENTED/WORKSHOP ATTENDED/SEMINAR:

- Publish paper on topic “**Seismic Response of Multistory Building for Discontinuity in Columns**” in **International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE)** Vol 3, Issue 4, April 2018
- Presented conference papers on topic “**Seismic Response of Multistory Building for Discontinuity in Columns**” organize by **Institute for Research and Academic Journals (IRAJ)**.
- Presented conference papers on topic “**Seismic Response of Multistory Building with Floating and Setback Columns**” organize by **International Institute for Technology Education and Research (IITER)**.

PERSONAL DETAILS:

Father's Name – Mr. Shaida Husain
 Date of Birth – 5th May 1994
 Gender – Male
 Marital status – Unmarried
 Nationality – Indian
 Languages known – English, Hindi
 Passport no – Z3603997 valid 19/06/2026
 Permanent Address – Maqbool Nagar, Jaipurva, P.O.-Gandhi Nagar, District- Basti, UP-272001, India.

Place:

Date:

(Altaf Husain)