

JAHNAVI MUDDASANI

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SUMMARY

Civil Engineering student pursuing a master's degree at Purdue University skilled in management with leadership qualities. An active learner with analytical and problem-solving skills. Works well independently and collaboratively.

EDUCATION

Purdue University, West Lafayette, Indiana, U.S.A. 2021-2022

Master's in Civil Engineering

National Institute of Technology, Warangal, India 2016-2020

Bachelor of Technology in Civil Engineering

GPA: 8.73/10

TECHNICAL SKILLS AND EDITORS

- Microsoft office
- **Software** –REVIT, Primavera P6, AutoCAD, SAP2000, INSIGHT
- **Programming languages** – Basics of C++

WORK EXPERIENCE

Intern – L&T Constructions, India May 2019 – July 2019

- Project was based on Construction of Harbor, River training works and Ground Improvement techniques.
- Site Monitoring - Ensured that steel fabrication and cage lowering is done according to the drawings.
- Claims – Documented work which consumed extra time to claim for the extra time consumed.
- Prepared report on the activities involved with construction and testing of piles and stone column works such as Cross hole sonic test, Pile integrity test and Super Cell test.
- Performed paper work requesting clients for inspection of construction work to be performed.

ACADEMIC PROJECTS and PAPERS

Energy Analysis using BIM August 2019 – March 2020

- Performing energy analysis on a residential building by modeling it in REVIT and transferring the model into an energy analysis software. Remodeling the building by changing orientation of building as whole, window wall ratio, window glass material and materials used in construction. Analyzing the energy consumption by each criterion in all the alternatives. Finding the least energy consuming alternative and analyzing the cost aspect.

A Framework to select Fine Aggregate Alternative using MCDM method November 2018 – March 2019

- To choose an optimal material as a substitute for fine aggregate from seven different alternatives. The alternative material which best performed in eleven categories (physical and chemical properties) is decided upon as the best alternative. Multi Criteria Decision Methods are used to evaluate their performance in various properties.

ACHIEVEMENTS AND

- Awarded a Merit Scholarship waving a year's tuition fee.
- Former Executive member of Youth Red Cross Club, NIT Warangal.
- Former Executive member of Aashayam, NIT Warangal.
- Former Executive member of Civil Engineering Association, NIT Warangal.
- Worked for the Treasury Department for the technical fest of NIT Warangal.
- Former member of Dance and Dramatics club of NIT Warangal.

EXTRA CURRICULAR ACTIVITIES

Hospitality Manager – NIT Warangal, India

November 2019

- Assisted event visitors in checking in and out of their accommodation.
- Responded to their requests and concerns in a timely and calm manner.
- Inputted the visitor data into our records.
- Ensured that food for visitors was supplied on time.

Event Manager – NIT Warangal, India

March 2019

- Managed script writing workshop by coordinating with the facilitator.
- Adjusted the schedule of workshop depending on requests and circumstances.
- Made sure that the attendees were comfortable.
- Monitored the distribution of goodies and certificates after the workshop.