

Balaji Sankari

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Design and Analysis | Budgeting | Schematic Diagrams | Scheduling | Research Skills | AutoCAD | Revit | Sketch Up | Navisworks | Staad-pro | 3dsMax | Estimation | ETABS | Primavera | MS Projects | Troubleshooting

Construction Management Intern/ Estimation Intern

Summary:

- Highly skilled and detail-oriented Construction Management graduating Student with a keen interest in Construction Management Intern, Estimator Intern, Field Engineering, Project Manager, Site Engineering, and etc.
- Excellent survey and research skills, including knowledge of construction software, systems, hardware, and safety measures.
- An understanding of the Project Planning and Management associated with various sites and ways to manage them.
- Evaluate progress and prepare detailed reports and ensure adherence to all health and safety standards and report issues.

Education:

- **University of Houston, Houston, TX:** Master in Construction Management | **GPA: 3.67** **Anticipated May 2024**
- **VNR Vignana Jyothi Institute of Engineering and Technology, India:** Bachelor in Civil Engineering | **GPA: 6.70** **July 2021**

Training and Certifications:

- CII Young Professionals Programmed in Climate Change & Environmental Sustainability | Sketch Up pro-2022 Essential Training
- Landscape Architecture & Site Planning - Basic Fundamentals from NPTEL | Construction Project Management from Coursera.
- Procore Certification | Microsoft Project (Canter CADD) | Learning Revit 2023 | Quantity takeoffs for BIM | Bluebeam Revu 20

Technical Skills:

- **Analytical Skills:** Planning project strategies, handling unexpected issues, and solving other problems arising in the construction project, estimating the cost, materials, and time to complete the project.
- **Business Skills:** Address budget matters, and coordinate, inspect the construction activities of workers, negotiate on cost matters, and established an effective relationship with staff.
- **Customer Service:** Excellent customer service skills, maintaining direct contact with the owners, inspectors, and the general public. Effective relationships with them helped in generating more business opportunities by ensuring their needs are met.
- **Communication Skills:** Clear communication with construction workers and explain complex information, discuss technical details with other buildings specialists as well.
- **Leadership:** Manage the staff workers, effectively delegate tasks to construction workers, other managers & sub-contractors, responsible for taking initiative, making effective decisions concerning the needs of project, communicating the same to the workers.

Work Experience

Graduate Engineer Trainee | ACC Concrete, India

July 2021 - Dec 2021

- Learnt the responsibility of quality controlling engineer at the plant level and area level.
- Participated in meetings and attended workshops and other training initiatives.
- Understood project requirements and completed all duties assigned by the Supervisor.
- Explored the different machines and their importance in plants and Conducted several tests on concrete and aggregate quality.

Others

Academic Projects:

Studies on indoor Environmental Quality of College Buildings and its Impact on Health

- **Objective:** Study the relationship between different measures of IEQ and their associations with performance, absenteeism, and health of students, faculties, and staff members.

Mechanical Properties of Ternary Blended Concrete without Aggregates.

- **Objective:** This is a typical research work serving the agenda of sustainable development. It focuses on the production of concrete with desirable strength properties using materials that are considered waste or are obtained as by-products.

Special Concrete - Geo Polymer Concrete and Pervious Concrete

- **Objective:** Prepared eco-friendly pervious concrete so as to reduce the impact on the environment and to restore groundwater table.

Tests on Self Compacting Concrete

- **Objective:** To determine different properties of self-compacting concrete.

Roles / Activities:

- Former Chairperson of the Creative Arts Club at VNRVJIET.
- Volunteered for HORIZON (flagship event of CED of VNRVJIET).
- Volunteer As an Infrastructure Analyst at Convergence Technical Symposium of VNR VJIET.
- Member at CEA IGBC student chapter at Department of civil engineering, VNR VJIET.