

AJAY VARIKALA

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EDUCATION

2020 - 2023

BACHELOR OF TECHNOLOGY, CIVIL ENGINEERING

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY
Percentage: 75%

2017 - 2020

DIPLOMA

GOVT POLYTECHNIC, NALGONDA
Percentage: 87%

2017

SSC

SHIVANI HIGH SCHOOL
Percentage: 90%

SKILLS

- AutoCAD 2D & 3D
- Staad-PRO
- Microsoft Suite
- C, C++ Programming

LANGUAGES

- English
- Hindi
- Telugu

PERSONAL SKILLS

- Comprehensive problem-solving abilities
- Creativity
- Excellent verbal, written and communication skills
- Ability to deal with people diplomatically
- Willingness to learn from others

PROJECTS

MINI PROJECT

DESIGN FOUNDATION

- Developed detailed foundation plans, drawings, and specifications, incorporating appropriate design codes, regulations, and safety standards to ensure a structurally sound and safe foundation.
- Collaborated closely with a multidisciplinary team, including architects, structural engineers, and contractors, to incorporate their input and ensure the compatibility of the foundation design with the overall project requirements.
- Conducted rigorous structural analysis and performed load calculations to determine the appropriate shape, size, and reinforcement requirements of the foundation, considering factors such as dead loads, live loads, wind loads, and seismic loads.

MAJOR PROJECT

PARTIAL REPLACEMENT OF CEMENT BY USING EGG SHELL POWDER, RICE HUSK ASH AND FLYASH FOR M25 GRADE

- Conducted comprehensive research to investigate the potential of utilizing alternative materials such as egg shell powder, rice husk ash, and fly ash as partial replacements for cement in concrete production.
- Designed and executed a series of laboratory experiments to determine the optimal proportions of the alternative materials for achieving the desired M25 grade concrete strength.
- Analyzed the physical and chemical properties of the egg shell powder, rice husk ash, and fly ash to assess their suitability for use as cement replacements.
- Developed a systematic approach for incorporating the alternative materials into the concrete mix, ensuring compatibility, and maintaining the desired structural integrity.

HOBBIES

- Reading Books
- Upskilling myself through online courses
- Listening to music
- Playing cricket

By signing below, I certify that all information is true and correct to best of my knowledge.

Place: Hyderabad
Date: 03 June,2023

Your faithfully,
AJAY VARIKALA
