

ROSHAN R

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SUMMARY

Construction Management Post Graduate and a Civil Engineer adopted Lean as a culture and looking forward to work for building a sustainable future.

EDUCATION

PGP-ACM

National Institute of Construction Management and Research, Pune.

2018-2020

8.06 CGPA

B. TECH CIVIL ENGINEERING

Amrita School of Engineering, Coimbatore.

2014-2018

TECHNICAL SKILLS

SKILLS: Six sigma – White belt, Lean Construction, Building Information Modelling (BIM).

Other: MS Office, Microsoft Excel, Microsoft Project, AutoCAD, Revit, Primavera P6, Navisworks.

Certifications: LinkedIn Courses: Primavera P6 Essential training by Kuks & Co, BIM foundations and Construction Management: Introduction to Lean Construction, SW Systems and NICMAR: AutoCAD BIM Course.

INTERNSHIPS

Shapoorji Pallonji and Company Private Limited, IIT-Palakkad Project

Aug 2020-Oct 2020

- Managed documentation, coordinated with the stakeholders for the successful completion of tasks and meeting the targets. Worked closely with the QC Team in inspection, testing and obtaining client approvals.

Kerala Industrial Infrastructure Development Corporation, Kozhikkode

Apr 2019-Jun 2019

- Monitored concreting of high-rise structures and created catch-up schedules for delayed activities and worked with the consultant in controlling construction activities.

Anish Infrastructure Pvt Ltd, Coimbatore

Dec 2016

- Assisted the site supervisor in recording the works progress on a daily basis and reported to the office, indulged in preparing bar bending schedule for various structural elements.

Sreedhaksha Constructions, Sanshray Project, Coimbatore

May 2016-Jun 2016

- Worked with the site engineer in estimating various building materials required, monitored finishing activities and installation of interior Fit outs.

ACADEMIC PROJECTS

Constraint identification and mitigation in project schedules using LeanPlanDo Software

Feb-2020

- Visited diverse construction projects and interviewed project managers to identify constraint tasks.
- Identified Constraint tasks in projects which caused delays were incorporated in project schedule using LeanPlanDo Software and studied how it can be mitigated.

Fly ash based geopolymer concrete blended with Fly ash and GGBS

Apr-2018

- Designed and made geopolymer concrete blended with Fly ash and GGBS cured in ambient conditions.
- Studied changes in the properties of geopolymer concrete in varying the fly ash-GGBS ratio and activator content.

WORKSHOPS

- NICMAR Pune's Academic Conclave, on Entrepreneurship and Management in Construction: Opportunities and Challenges.
- QEEE module on 'Compaction of Soil' of the course Geotechnical engineering delivered by Prof. Ashish Juneja, IIT Bombay.
- QEEE module on 'Deflections Of Statically Determinate Structures' of the course Analysis of structures, delivered by Prof. Argadeep Laskar, IIT Bombay.

ACHIEVEMENTS

- Awarded with NICMAR Merit scholarship for the academic excellence in Trimester 7.
- Successfully coordinated Anokha – the annual tech-fest of Amrita University by working with Public Relation, Decoration and Security team.
- Secured 1st place in NIRMANA event of Anokha 2017.
- Secured 3rd place in Bridgelt event of Invente 2016.