

# 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, Kozhikode

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 geopolymers concrete blended with Fly ash and GGBS

Apr-2018

- Designed and made geopolymers concrete blended with Fly ash and GGBS cured in ambient conditions.
- Studied changes in the properties of geopolymers 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.