

M.Durai Araviindh

Assistant Manager- Trainee

PERSONAL INFO

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Age

24

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WORK EXPERIENCE

Assistant Manager-Trainee

Construction Management Trainee (Internship)

July 2022

Aug 2021 – Sep 2021

EDUCATION

M.Tech in Construction Engineering and Management

2022

SRM Institute of Science and Technology Kattankulathur campus

CGPA – 9.73/10

B.E in Civil Engineering

2020

Sri Sairam Engineering College (Affiliated to Anna University)

CGPA – 8.09/10

RESEARCH PUBLICATION

Evaluation and optimization of lean waste in construction industry

May 2022

Asian Journal of Civil Engineering - Springer

Aravindh, M. D., Nakkeeran, . G, Krishnaraj, . L, & Arivusudar, . N. (2022). Evaluation and optimization of lean waste in construction industry. Asian Journal of Civil Engineering 2022 23:5, 23(5), 741–752.

<https://doi.org/10.1007/S42107-022-00453-9>

Synergistic effect of Alliance contract and Lean methodology on project performance measures in the construction industry: SEM Analysis

Jun 2022

Under Review

Technological Forecasting and Social Changes

An Investigation of Lean Tools in the Construction Industry using the Analytic Hierarchy Process (AHP) Model

Jun 2022

Under Review

Journal of Construction Engineering and Management

Identification of the Lean Tools used in the Tamil Nadu

July 2022

Construction Industry

Under Review

Materials And Sustainability in Civil Engineering (MSCE-2022) – Conference paper

ACADEMIC PROJECTS

Manufacture of Plastic Blocks – PLOX

Jan 2019 – Mar 2020

Interlocking blocks "PLOX" was manufactured from recycled plastic waste to reduce the depletion of natural resources used in the construction industry.

Evaluation and optimization of lean wastes in construction projects using MCDM approach

May 2021 – Jun 2022

Lean Waste prevailing in construction projects was identified and optimized by selecting the appropriate Lean Tool using MCDM Approach.

Synergistic effect of Alliance contract and Lean methodology on project performance measures in the construction industry: SEM Analysis

Jan 2022 - Jun 2022

The synergistic effect of Alliance and Lean integration in construction projects were explored using Structural Equation Modelling.

CONFERENCES AND WORKSHOPS

Development of Prestressed Precast Concrete pavement

Organized by: **UltraTech Cement Ltd. & Department of Civil Engineering, SRM IST** **May 2021**

Plan and Succeed - SANGAMAM 2020

Organized by: **Project Management Institute, Chennai** | Date: Dec 2020

Geopolymer Light Weight Concrete

Organized by: **Department of Civil Engineering, Sri Sairam Engineering College** **Jun 2020**

Urbanisation & Flooding

Organized by: **Department of Civil Engineering, Sri Sairam Engineering College** **May 2020**

Entrepreneurship Awareness Camp

Organized by: **IEDC, Sri Sairam Engineering College** **Jan 2019**

RECOGNITION

Project Exhibition 2020

Mar 2020

Final Year UG project "Manufacture of Plastic Blocks - PLOX" won Third prize in the Civil Engineering Project Exhibition 2020.

SKILLS

AutoCAD

Revit

MS Project

Construction Project Planning and Delivery

Construction Project Monitoring and Control

VOLUNTEER EXPERIENCE AND EXTRACURRICULAR

NSS Swachh Bharat Summer Internship 2018

May 2018 - Jul 2018

Role: Volunteer Cause: Social Services

Volunteered in **Swachh Bharat Summer Internship 2018** and completed 100 hours of community service in Varadharajapuram village.

Organized department Entrepreneurship Awareness Camp.

Organized department symposium.

Winner position in college cricket competition held on sports day 2020.

Runner-up position in College Chess competition held on Sports day 2018 and 2020.

REFERENCES

Dr.L. Krishnaraj

Assistant Professor

Department of Civil Engineering

SRM Institute of Science and Technology

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