

## CURRICULUM VITAE

**Ms. S. MANNA SIMON**  
**BSB 207, Trimble Lab**  
**BTCM Division, Dept. of Civil Engg,**  
**Indian Institute of Technology Madras (IITM)**  
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**Contact: +919176907216**



### **CAREER OBJECTIVE**

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My long-time goal is to position myself in an esteemed organization where my knowledge and experience are maximally utilized with unstrained vertical growth, ensuring credible performance, which leads reputation on high pedestal.

### **EDUCATIONAL QUALIFICATION**

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<b>Qualification</b>	<b>Institution</b>	<b>Year of Passing</b>	<b>Percentage of Marks</b>
PhD Construction Management (Ongoing)	Indian Institute of Technology Madras, India	Ongoing	8.33 CGPA
M.Tech Construction Engg & Management	SRM University, Kattankulathur, India	2016	10 CGPA
B. Tech Civil Engg (Pondicherry University)	Dr. B. R. Ambedkar Institute of Technology A & N Islands, India	2013	8.24 CGPA
AISSCE (CBSE)	Nirmala Sr. Sec. School, Port Blair, A & N Islands, India	2009	72%
AISCE (CBSE)	Govt. Secondary School, Diglipur, A & N Islands, India	2007	80%

### **TECHNICAL SKILLS**

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Programming Language : C

Packages : AutoCAD, STAAD Pro V8i (Basics), GIS (Basics), GT Strudl, MS Project,  
Prima Vera (Basics)

## **MAJOR PROJECTS/ RESEARCH**

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***Title: Analysis of Traffic Parameters for Arterial & Down-Town Roads of Port Blair, A & N Islands.***

*Description:* The traffic parameters of the arterial and down-town roads were found and the level of service of the selected roads was analyzed quantitatively and seasonal variations were analyzed. The study concluded by giving various recommendations to avoid traffic congestions at peak time.

***Title: Developing a conceptual module for ensuring quality assurance of major construction works.***

*Description:* This project was carried out to find the various organizational factors influencing the efficiency and productivity of construction professional quantitatively. The project was concluded by giving recommendations to improve the efficiency of construction professional.

***Title: Developing an organizational culture framework to sustain and evaluate Lean implementation in construction sector – An organizational culture perspective***

*Abstract:* Recent studies suggest that Lean concepts can be successfully adopted only when it is aligned with the organizational culture (OC). OC can be defined as the shared values and beliefs of people, according to which they perceive, react and act in any situation. For sustained and effective adoption of Lean, it is important to institute Lean philosophy in the core culture of an organization.

To enable effective adoption and sustenance, it is important to assess the level of Lean implementation in an organization and suggest an apt cultural intervention.

Hence the aim of this research is to develop a Lean maturity rating system for the organization to measure its progress in the Lean journey and to develop a situational organizational culture framework that can help organizations of different implementation levels to improve their Lean maturity in order to sustain Lean.

## **PAPERS PUBLISHED**

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- ✚ Anandh KS, Prasanna K, Manna Simon S, Aravindh KS, "A Qualitative study on applicability of 4D Simulation Model for Construction Planning, An industry Academia Conference on Construction Management, IACCM, 2015
- ✚ S. Manna Simon, Anandh KS, Dr. K Gunasekaran, "Developing a conceptual module for ensuring Quality assurance of major construction works, International Conference on Advances in Civil Engineering and Sustainable Construction, ACESC'16, 2016

- ✚ S Manna Simon, Anandh KS, "Assessment of influencing factors on improving effectiveness and productivity of construction engineers, Indian Lean Construction Conference, ILCC 2017
- ✚ S. Manna Simon, Koshy Varghese, "Assessment of organizational culture in construction – A case study approach ", International Group for Lean Construction, Chennai, India, 2018
- ✚ S. Manna Simon, Koshy Varghese, "Understanding Lean through Organizational Culture Theory", Indian Lean Construction Conference, India, ILCC 2019

## **INTERNSHIP TRAINING/ WORK EXPERIENCE**

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- ✚ 1-month internship at Andaman Public Works Department, Port Blair, A & N Islands, India.
- ✚ 1-month internship at Runwal Greens Residential Project, Mumbai, Maharashtra, India, under Gammon India (Pvt.) Limited.
- ✚ Worked for 6 months at a construction site at North Andaman, India under P.R. Singaram Pvt. Ltd as a junior engineer in-charge.

## **EXPERIENCES**

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- ❖ Organized and participated in National level conference on “Modernistic Management Practices in Construction Industry (MMPCI-2015)” held at SRM University.
- ❖ Organized and participated in Indian Lean Construction Conference 2017, held at IITM, India, organized by IITM and Indian Lean Construction Excellence.
- ❖ Organized and participated in International Group for Lean Construction Conference 2018, held at Chennai, India, organized by IGLC, IITM and Indian Lean Construction Excellence.
- ❖ Teaching assistant for the following courses at IITM:
  1. Construction Contracts
  2. Construction Economics and Finance
  3. Construction Safety Management
  4. Lean Project Delivery
- ❖ Teaching assistant for the online teaching course NPTEL – Project Planning and Control

## **PERSONAL PROFILE**

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Name : Ms. S. MANNA SIMON  
 Gender : Female  
 Date of Birth : 24<sup>th</sup> May 1992  
 Nationality : Indian  
 Languages known : English, Hindi, Malayalam, Tamil, Bengali

## **DECLARATION**

I hereby declare that the above information and particulars are true and correct to the best of my

knowledge.

**Place:** Chennai, India

**Date:** 19.12.2019

**S. MANNA SIMON**