

ROLL NUMBER: P25700001


Mr. Sudeeswar K
Male

DOB

04-Apr-2003

TECHNICAL SKILLS

- AutoCAD
- MS Office
- MS Project
- Primavera
- BIM
- STAAD Pro
- CostX
- Jamovi

PERMANENT ADDRESS

5/617 Parakadu Alagapuram Periya
 Pudur Salem
 City: Salem
 State: Tamil Nadu
 Pincode: 636016

LANGUAGE

- TAMIL
- ENGLISH
- TELUGU

SUMMARY OF QUALIFICATION

Course / Programme	Board / University Name	CGPA/ (%)	Passing Year
MBA-ACM	NICMAR University, Pune	8.23	2027
B.E. <i>Civil Engineering</i>	ANNA UNIVERSITY	78.6	2025-Apr
Intermediate <i>Science (PCM)</i>	STATE BOARD, TAMIL NADU	77.99	2021-Jul
High School	STATE BOARD, TAMIL NADU	70.4	2019-Apr

INTERNSHIP / PROFESSIONAL TRAINING (Total Duration: 15 Weeks)
SURRYA BUILDERS

12-Jun-2024 - 27-Jul-2024

6 Weeks
PROFILE: TRAINEE

- As a trainee, I successfully completed the internship training in Auroville Earth Institute at Pondicherry With the Guidenness of SURRYA BUILDERS at Salem,Tamilnadu.
- As a trainee As a trainee my role is to construct the Archers, vaults and domes using Sandy soil and CSEB blocks.

J. Kumar Infraprojects Ltd

04-May-2026 - 11-Jul-2026

9 Weeks
PROFILE: Summer Intern- Site Execution

Chennai Port – Maduravoyal Elevated Corridor (NHAI/Bharatmala EPC Project)

- Rotated across all four construction packages and both precast casting yards to observe site execution activities
- Monitored substructure works including piling, pile cap, pier, and pier cap construction, along with associated quality checks
- Observed precast segmental construction, post-tensioning, and span-by-span segment launching operations
- Reviewed RMC batching, dispatch, and production-vs-consumption reconciliation
- Assisted the Contracts Manager in understanding claims administration and Extension of Time (EOT) processes
- Coordinated with Planning Managers across packages to understand planning tools

PUBLICATIONS DETAIL
AUTOMATION IN CONSTRUCTION: A COMPLETE AUTOMATIC PAINT SPRAY SYSTEM FOR RESIDENTIAL BUILDINGS

Many small and medium sized businesses (SMBs) suffer from inefficiencies in manual painting process which includes inconsistent quality, inefficiencies, wastage of material and health hazard of workers. This project is a portable and cost efficient automatic spray paint system which will help overcome these drawbacks. Manual painting often results in inconsistent finishes of 20-30% of surfaces, higher annual labour costs of 15-25%, 30-50% project delays than automation and 25-30% material wastage. This automated system strives to offer better safety, independence from labour and more efficiency. Arduino UNO microcontroller is used to ensure better precision in spraying, while the ultrasonic sensors reduce overspraying and wastage of materials. The movement using motors on a mild steel frame ensures that there is no problem with the evenness of the finish. Limit switches increase safety and control over the boundaries, while the Bluetooth feature helps in remote control and monitoring of the system. Being portable, the system can be deployed in various industries such as material handling and automotive bodywork. Cost analysis of manual and automated painting will be done in order to measure savings. It will be

tested and deployed in the Salem district.

CERTIFICATION DETAIL

- APPLICATION OF IOT IN CIVIL ENGINEERING
- EMERGING ENGINEERS-SMART CONSTRUCTION HELMET
- AUTOMATION IN CONSTRUCTION:AUTOMATIC PAINT SPRAY SYSTEM
- STAAD Pro
- APTITHON-2024
- SKETCHUP WORKSHOP

ACHIEVEMENT DETAIL

Academic Achievements

- **Mini Project (Anna University)**-An Experimental Investigation on Flexible pavement using Rubber waste and Bagasse fibre.
- **Research & Thesis (NICMAR University)** – Since the 2nd semester of the MBA in Advanced Project Management program, I have been pursuing my thesis titled "Delay attribution in multi-stakeholder in metro projects." Research identifying delay factors in metro projects and evaluating how responsibility for those delays can be attributed among different stakeholders.

Sports Achievements

- School of Martial arts-Awarded the rank of Yellow Degree
- Annual Sportsmeet-BASKET BALL (Gold medal winner) ,KABADDI (Silver medal runner)