Mr. RAMAKRISHNA SAMANTHULA

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Career Objective

To extend the contribution towards research in construction materials that adds a value to the industry

Educational Details

Class/Course	Board of Education/University	Year	Percentage
M.Tech (Const. Management)	NITK - Surathkal	2014-16	87
B.Tech (Civil)	RGUKT-Nuzivid	2010-14	83
Pre-University Course	RGUKT-Nuzivid	2008-10	87
X Class	APSWR School, AP	2007-08	88

Professional Experience

Period	Organization	Project	Role
Sep'16-Jul'17	M/s. Larsen & Toubro	Khulna-Mongla Railway Bridge	Quality Engineer
Aug'17-Dec'17	M/s. Larsen & Toubro	Kudankulam Nuclear Power Project	Rebar Coordinator
Jan'18 - Till Date	M/s. Larsen & Toubro	Project VIH	Project Coordinator

Academic Research

Analysis of factors affecting construction logistics of high-rise buildings - Master Thesis

The critical factors had been identified and studied their consequences in the project. Factors had been analyzed using statistical indices. Risk impact of identified factors was classified using fuzzy inference system in Matlab. Logistics assessment matrix and review checklists for onsite logistics management had been developed. Recommendations to improve construction logistics had been proposed.

Performance study on GGBS concrete with combination of Robosand - Bachelor Thesis

Environmental and cost issues associated with cement, and technical and environmental issues related to river sand had been studied. Concrete Mixes had been prepared with various combinations of basic ingredients, GGBS and Robosand for M25 grade. Properties for each combination had closely been studied in both the states of concrete. Results obtained at 3, 7 and 28 days of curing had been studied.

Industrial Training

Study on onsite construction logistics management - L&T Construction, Mumbai

Study had been carried out at an ongoing high-rise building project Island City Centre located in Mumbai. Studied the overview, nature and necessity of onsite and offsite construction logistics though direct observation in the site and guidance from the experts the field.

Study on construction and processing of 51MLD STP - Ramky Infrastructure Limited, Hyderabad

Transportation and placing of concrete had been observed. Compaction method was observed. Design considerations for shuttering and formwork had been studied. Process of shuttering removal for a cantilever slab was studied. Cube Test and Slump Test had been performed. C-Tech method of processing and treatment principles have been observed and studied.

Study on construction methodology of Hyderabad Metro Rail Project - CH2MHILL, Hyderabad
Construction methodology was studied. Visited the site to observe the construction methodology. Shear force and Bending Moment were analyzed for pier under vehicular collision load. Various load considerations have been studied.

Achievements

Achievement	Year
Rewarded with Pratibha Award for Excellence in B.Tech	2014
Selected for L&T Build India Scholarship	2014
Cleared NCC A, B, C certificates	2014
Selected for Integrated B.Tech Course in APIIIT – RGUKT	2008

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Date: Ramakrishna Samanthula