

Name: Naga Venkata Sai Kumar Manapragada		Age: 25
Email ID:		naga@ids-pl.com
Qualification		MS by Research in IT in Building Science (Pursuing Part Time) Bachelors in Architecture
Skills	Technical	<ul style="list-style-type: none"> • Building Energy Modelling & Simulations • Illumination Engineering • Open-ended energy simulation tools customisation • Programming in Python and R • Largescale Data Analysis
	Linguistic	Telugu, Hindi, English
	Management	
Certifications		
Professional Associations		<ul style="list-style-type: none"> • ASHRAE (Member ID: 8360669) • Council of Architecture (CA/2016/80776)
Professional Experience in Years		1year 5 months
Summary of Experience		<p><u>Technical research</u></p> <ul style="list-style-type: none"> - Parametric analysis to benchmarks EPI for common services, indoor appliances and renewable energy systems in ECBC-R Part-2 - Climate classification of 15 Nigerian locations to devise passive and active strategies for Energy Conservation Building Code Nigeria. Project of UN Habitat and yet to be published - Technological framework for School of Planning and Architecture Delhi to monitor and assess Urban Heat Island impact in Delhi - ECBC 2017 compliance project simulation models review for daylighting and energy performance assessment - Parametric tool design to generate EnergyPlus IDF file with nested combination related to envelope, lighting and loads - XL2IDF processing code to provide simulation related envelope, loads and lighting details from excel sheet to IDF - Multi-process parallel simulation code for Linux environment to simulate largescale EnergyPlus IDF files parallely - Credit line evaluation for energy efficient residential buildings through IT Toolkit: EnEffResBuildIndia - Wireframe design for Energy Monitoring Information System hardware and software

	<p><u>Knowledge Dissemination</u></p> <ul style="list-style-type: none"> - Fundamentals in Building Physics, Illumination Engineering, Thermal comfort systems and its application for ECBC Project officer training - Studio classes for Basic Design and lectures on Climatology for Bachelor degree students in IIITH as TA
--	---
