



Integrative Design Solutions Private Limited

172, Indraprastha Apartments, Pocket 3, Sector 12, Dwarka, New Delhi – 110075

Role in IDSPL: Architect

Family name: Ramesh

First names: Vidya

Date of birth: July 2 1997

Nationality: Indian

Place of Residence: Namakkal, Tamil Nādu

Civil status: Single

Education:

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
Manipal School of Architecture and Planning [2020 TO 2022]	M. Des (Sustainable Design)
Adhiyamaan College of Engineering [2014 to 2019]	B.Arch.

Key experience related to the project.

Implementing Urban Passive Cooling Strategies in Cambodia

- Developing design guidelines for passive cooling of buildings in Cambodia based on different building typologies of the country.
- Initial mapping of hotspots at a neighbourhood level using Landsat data and qGIS software.
- Research on different passive cooling strategies and developing a compendium of the design matrix for assessment and for future parametric energy simulation.

LEED Certification for Pacific Mall and UNDP. New Delhi

- Extensive understanding of the project and all other aspects related to the certification requirements.
- Green building documentation

February 2023

Energy and Environmental Audit for UNICEF, New Delhi

- Conducting energy and GHG emission audit of the building
- Assessment of environmental impact which includes water, waste and transportation.
- Alignment of the performance of the office building with air quality and energy systems
- Capacity building of the administrators on implementation of the roadmap and progress monitoring

Hospital Survey for changing landscape of India's healthcare sector and its impact on climate change

- This covers various sections such as building information, business information. construction details, building energy use, pv panels, lighting. HVAC details, medical- use refrigerant and equipment, water supply pumping and treatment plants.

LEED Certification for UN House, New Delhi

- Extensive understanding of the project and all other aspects related to the certification requirements.
- Green building documentation

Specific professional experience in the region:

Country	Date from - Date to
India	June 2017 to Present

Professional experience

Place	Date from - Date to	Role of Candidate	Details of the Project
Integrative Design Solutions Private Limited, New Delhi, India	June 2022 to Present	Sustainability Analyst	<ul style="list-style-type: none">• Implementing Urban Passive Cooling Strategies in Cambodia• LEED Certification for Pacific Mall and UNDP. New Delhi• Energy and Environmental Audit for UNICEF, New Delhi• Hospital Survey for changing landscape of India's healthcare sector and its impact on climate change• LEED Certification for UN House, New Delhi
Architectural Journalism and Criticism, India	January 2022 to May 2022	Research Assistant	<ul style="list-style-type: none">• Helped in research projects• Helped as a social media manager• Complied poetry and story books• Helped in curating competitions conducted

Place	Date from - Date to	Role of Candidate	Details of the Project
Architectural Journalism and Criticism, India	June 2020 to December 2020	Research Intern	<ul style="list-style-type: none"> Helped in research projects Helped as a social media manager Compiled poetry and story cooks Helped in curating competitions conducted
Atelier Architects , Chennai, India	November 2017 to March 2018	Architectural Intern	<ul style="list-style-type: none"> Created 3D models in Sketchup and Revit for visualization. Worked in detailed diagrams for residential and industrial projects
Renukhanna Associates ,Chandigarh, India	June 2017 to October 2017	Architectural Intern	<ul style="list-style-type: none"> Created 3D models in Sketchup and Revit for visualization. Worked in detailed diagrams for projects such as airport terminal, 1857 war memorial, NIFT etc., Helped in making physical 3D models for visualization

Language skills: Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	1	1
Hindi	1	4	1
Tamil	1	1	1

Membership of professional bodies:

- Licensed Architect Member in Council of Architecture
- ASHRAE Member
- Indo-Swiss Building Energy Efficiency Program (BEEP) - 2022

Other skills: (e.g. Computer literacy, etc.)

Orange, Ecotect Climate Consultant, Adobe InDesign, Adobe Premiere Pro, Adobe Illustrator, Adobe Photoshop ,Microsoft Office, Python, Autodesk Revit, eQuest ,EnergyPlus, DesignBuilder, AutoCAD, qGIS, EPC, Google Sketchup, Rhino, Lumion, Grasshopper, Ladybug, Honeybee, Therm Window, PVSyst.

Present position: Sustainability Analyst

Years within the firm: 1