





SREEPARNA GHOSAL

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SUMMARY

Skilled Architect competent at working independently or as part of team. Adept at integrating environmental approaches to large scale commercial projects by promoting sustainable design and environmentally friendly construction practices.



EXPERIENCE

Junior Architect (08/2020 - 08/2021)

Denfab Engineers, Delhi

- Collaborated with clients to facilitate involvement and effective communication between project parties.
- Worked within Revit to complete designs, model renderings and specification details.
- Oversaw projects from concept through to delivery.
- Preparation of Industrial construction drawings using AutoCAD and Structural development models of Goa Domestic Airport using Revit.

Architecture Intern (08/2019 - 04/2020)

Engineers India Limited, Gurgaon

- Demonstrated consistent hard work and dedication to achieve results and improve operations.
- Airport construction drawings in AutoCAD and Revit and integrated model development using MEP.



EDUCATION

Masters in Technology (M.Tech) Building Energy Performance

CEPT University, Ahmedabad, Gujarat (2021 - 2023)

- Dissertation in 'Understanding limits to physiological adaptations using WBGT as heat stress index for naturally ventilated residential buildings in India.'
- Coursework in Lighting and integrated design for whole building analysis using design builder and energy plus with Microsoft office tools for analysis.

Bachelor of Architecture (B.Arch)

MBS School of Planning and Architecture, GGSIPU (2015 - 2020)

- Dissertation in 'Waste Water Management System'
- Thesis in 'Institute of Medicinal Research' in Dwarka, Delhi
- University topper with 9.2 GPA (2015-16)

Senior Secondary, Central Board of Secondary Education (CBSE)

Ryan International School (2013 - 2015)

- School topper with 95% marks



SKILLS

- Analysis using Microsoft tools (Excel, PowerPoint etc.)
- Whole building analysis using Design Builder and Energy Plus
- Expertise in Revit Architecture and MEP
- Reporting and documentation
- Electric lighting design on Dialux EVO
- Light Stanza for daylighting analysis



CERTIFICATIONS

- Construction life cycle assessment specialist (One Click LCA), 2022
- Certificate of Energy Literacy (Energy Swaraj Foundation), 2020
- Revit essential training (Architecture), 2019



AREAS OF INTEREST

- 3D modelling using Revit MEP and energy modelling using Design Builder.
- Data analysis using Microsoft tools
- Research and critical writing



CONFERENCES ATTENDED

Climate Change and Environmental Sustainability (CCES) Conference September 2022

The conference focused on the pressing effects of greenhouse gases on Earth's temperature and global warming with the rising risk of threats as earthquakes and volcanic eruptions which develop due to climate changes.

Using natural ventilation to maximize building performance, September 2022

This webinar helped us understand modelling of natural ventilated buildings for various climate zone and optimizing the building performance through various natural strategies.

Advanced HVAC System Modelling, August 2022

The webinar covered the different HVAC components to create project specific system configurations with a detailed understanding of heat exchangers and equipment sequencing to ensure optimal energy use.



LANGUAGES

- Bengali: Native/Bilingual Proficiency
- English: Professional Reading, Writing and Speaking Proficiency
- Hindi: Reading, Writing, and Speaking Proficiency
- French: Elementary Proficiency

ACADEMIC PORTFOLIO

- [SEMESTER 3 : Lighting and Integrated Design Lab](#)
- [SEMESTER 2 : HVAC Lab](#)
- [SEMESTER 1 : Passive Comfort Lab](#)