

# SAKSHI SINGHAL

ARCHITECT | M.Arch - Sustainability



## PROFILE

Let us nurture to have a nurturing future.

I am an architect and a green building consultant with a majors in sustainable design. I help building projects achieve net zero energy goals. This process starts from the concept stage right up to the occupancy stage of a building construction project.

Currently working over GRIHA rated projects with focus on sustainable design. My key focus areas are green building documentation, research relevant to sustainability and simulations for energy, daylight, shadow analysis and life cycle assessment.

## AWARDS / FELLOWSHIP

### ECO HOUSE PROJECT -- 2021

Among the top three winning teams in Pitch to Policy Competition 2020-21 along with Dr. Chitrarekha Kabre and Kalpana Tyagi (Building intervention competition from GBPN with partners PS collective to support low carbon residential development in India)

### GOLD MEDAL - M.ARCH -- 2020

### AICTE / MHRD FELLOWSHIP -- 2018

### GOLD MEDAL - B.ARCH -- 2016

## KEY SKILLS

Design Builder	Equest
Climate consultant	AutoCAD
Sketchup	MS office
Photoshop	Ecotect

## CONTACT

### Permanent Address

House No.122, Arjun Nagar, Safdarjung Enclave, New Delhi-110029

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Present --  
Oct 2020

**GREEN BRICK ARCHITECTS**  
Principal Architect | Green Consultancy

### KEY PROJECTS INVOLVEMENT

- GRIHA Rated | DCRUST Architecture Block | Murthal | 153385 Sq.ft
- GRIHA Rated | DCRUST Classroom Block | Murthal | 77790 Sq.ft
- GRIHA Rated | Lucknow Commercial | Lucknow | 179540 Sq.ft
- Cafe Guftgu | Hisar | 1000 Sq.ft
- Cafe Grill Masters | Hisar | 700 Sq.ft
- Restaurant Shahi Tawa | Hisar | 1200 Sq.ft
- Dollas Fruit bar | Hisar | 400 Sq.ft
- CA Office Interiors | Delhi | 550 Sq.ft
- CA Office Interiors | Delhi | 800 Sq.ft
- Individual Floors | Hisar | 2400 Sq.ft
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- 5 residences | Hisar | 1800-3150 Sq.ft

### ROLES & RESPONSIBILITIES

- Part of the green consultancy team for GRIHA documentation and calculations.
- Involved in the planning and detailed design of small scale residential and commercial projects from plot to final execution.
- Involved in preparation of statutory approval drawings and detail drawings from structural level to interior level and also in site visits.

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| • Present -- Nov 2022    | <b>SPA, Delhi</b>   Visiting Faculty                       |
| • May 2020 -- July 2018  | <b>DCRUST, Murthal</b>   Teaching Assistant   GATE Scholar |
| • July 2019 -- May 2019  | <b>GRIHA Council, Delhi</b>   Intern                       |
| • May 2018 -- June 2017  | <b>Satpriya Institute, Rohtak</b>   Assistant Professor    |
| • June 2017 -- June 2016 | <b>RS Architects, Hisar</b>   Junior Architect             |
| • May 2018 -- June 2017  | <b>DFI International, Delhi</b>   Intern Architect         |

### CAREER ADVANCEMENT

#### Workshop | Conferences | Seminars

- Energy simulation on Equest | Training | E-Conserve Resources Private Limited | 2020
- GRIHA Version 2015 -- 3 Day Training | GRIHA Council | IHC New Delhi
- Life Cycle Assessment Workshop -- GRIHA Council | IHC New Delhi
- Insight 360 Workshop -- Autodesk
- Two Days Training Programme on Energy Conservation Building Code
- Rejuvenating Resilient Habitats -- 12th Summit GRIHA Council | IHC New Delhi
- ICBESD | 2020 | TERI and NISM Mumbai | ICRC 2020 | MMU Ambala
- GRIHA Awareness programme -- TERI | IHC New Delhi
- Wipro Earthian Sustainability Quiz hosted -- TERI School of Advance Studies | New Delhi
- Approach to Integrated Sustainability -- 11th Summit GRIHA Council | IHC New Delhi
- Energy Conservation Building (ECBC) | 2018 | DCRUST Murthal Haryana

### PUBLISHED ARTICLES & PAPERS

- Integrating Life Cycle Assessment with Green Building Assessment | Shaswat 2020 | GRIHA
- Poetry on Sustainable Architecture | Shaswat 2020 | GRIHA
- Waste Management in Cities as a Sustainable Development Goal | ICRC-2020, Proceedings of the International conference on Rediscovering Cities | MMU Ambala
- Life Cycle Costing as Environmental and Economical Tool of Sustainability | 3rd International conference on Business, Economics and Sustainable Development | ICBESD | 2020 | NISM Campus

### ACADEMIC & PROFESSIONAL QUALIFICATIONS

Green Certifications Membership	<b>GRIHA CP, GEM CP</b> <b>IIA, Executive Member IIA Hisar, Member GEM (Haryana)</b>
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2016 - 2018	<b>Masters in Sustainable Architecture</b> Deenbandhu Chotturam University, Murthal (CGPA: 8.13)
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2011 - 2016	<b>Bachelor of Architecture</b> Om Institute of Architecture & Design, Hisar (CGPA : 8.2)
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