



THIRD WAVE ENVIRONMENTAL DESIGN

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Ar. Sonali Rajwade

Architect, LEED AP, GRIHA Trainer & Evaluator

RESUME

Name Sonali A. Rajwade
Date of Birth 14th May 1976
Nationality Indian

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QUALIFICATION

1. B-Arch
Pune University (1st Class)
2. M-Arch Environmental
Pune University (1st Class Distinction)
3. LEED AP USGBC
(US Green Building Council Accredited Professional)
4. GRIHA TRAINER & EVALUATOR
(Green Rating For Integrated Habitat Assessment Evaluator & Trainer)

WORK EXPERIENCE

Key Areas: Buildings Physics, Climate Responsive design, Solar Passive Architecture, Alternative Construction Technologies, Research in Architecture, Climatology, Green Building Certification, Energy efficiency, Environmental Management and Audit etc.

Academic: **10 years**

Organisation: Dr. Bhanuben Nanavati College of Architecture (BNCA), Pune

Designation: Assistant Professor

Subjects taught:

- Building physics, Climate responsive design studio.
- Energy Efficient Design studio. Retrofitting and New building design for various building typologies Hotels, Hospitals, Offices etc.
- Environmental Planning Design studio: Rural/ Urban environmental and sustainable planning projects to develop an understanding of the environmental issues and concerns in different geographical locations.
- Sustainability Toolkits – Green rating systems, ECBC compliance, Environmental Audit, Energy Conservation and Management Practices.
- Guidance to M- Arch students for thesis (Post occupancy evaluation, Dynamic façades, Adaptive reuse)
- Guidance to M-Arch students for various completions like Solar Decathlon, HOSMAC
- Guidance to B-Arch students for Architectural Design Thesis

Research and Publication

- Paper presentation on energy efficient commercial buildings in conference conducted by Institute of engineers, Pune
- Co Authored research paper: Building expert's perception on application of dynamic facades
- Co Authored research paper: Occupant satisfaction in factory buildings, A study of indoor environment quality of green-certified & conventional factory buildings in Pune.
- Environmental Planning Design studio publications
 - Jaipur lessons from the past for climate responsive future development.
 - Understanding climate change in Wayanad, Kerala
 - Chennai (Nature and Infrastructure)“ A process of linking natural systems with urban Infrastructure

Professional: 22 years

- **Partner, at Third wave Environmental Design, Pune, December 2012- till date**
 - Green building business development.
 - Green Building certification facilitation. LEED, IGBC, GRIHA
 - Solar passive design
 - Energy simulation studies
 - Carbon foot printing
 - Alternative construction methods and material explorations

- **Principal Architect At Third Wave design, Pune, 1999- till date**
 - Design of Institutions, Commercial, Residential, Factories, Townships.
 - Infrastructural Planning

COMPUTER SKILLS:

Design Builder, Ecotect, Sefaira, AutoCad, Sketchup, MS Office

PROFESSIONAL MEMBERSHIPS:

Registered with Council of Architecture COA
Indian Green Building Congress IGBC