

JITEN PRAJAPATI

ARCHITECTURE , ENVIRONMENT , RESEARCH & DEVELOPMENT

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PROFILE

Architect and Green Building Consultant

Location [Mumbai, India](#)

Industry [Architecture & Planning, Green Building Design](#)



Current

Proprietor at Jiten Prajapati

Visiting Faculty at Rachana Sansad's Academy of Architecture

Education

B.Arch from Sir J. J. College of Architecture (1994)

Summary

Wide range of architectural and research projects including residential, commercial, industrial, religious, institutional and interiors. The focus of the consultancy is on design innovation, client satisfaction and research. Worked with India's premier Institutes (IIT-Bombay, IIT-Indore) and Architects on passive solar and sustainable building design.

Currently:

Designing and executing India's first Zero Energy School Campus on 14 acre land at Bhikangaon, Madhya Pradesh (Phase 3 completed), Consultant for Solar Passive Architecture for tallest temple in South India (approx. 500' high and 12 lakh sft built-up area), Architect for Sun Solar State – a training centre for solar applications on a 5 acre campus.

Author of books:

- Manual on Solar Passive Architecture (IIT-Bombay)
- Handbook on Energy Conscious Buildings (IIT-Bombay)

Consultant for Energy Conservation Techniques and PDEC Wind Tower System on Indias First Public Building (IGP-Gulbarga) to be awarded **LEED Gold Rating** by USGBC. One of the first few passive cooled buildings in the world to be awarded such a rating.

Worked on India's first demonstration buildings for Solar Passive Architecture i.e. Commercial Bank Building at Shimla and 200 Bed Hospital at Rampur with Ar. Ashok B. Lall. Simultaneously, worked on SOS village at Dehradun involving low cost and green building design. Worked on Integration of Green Building Technologies for the National Institute of Design, Gandhinagar with Ar. Sen Kapadia

Received runners up trophy at **IAD Awards - 2008** for Green building design of an IT Complex at Mumbai (NSC, Encase India)

Published number of papers at national and international conferences and journals pertaining to thermal performance and design of buildings in Indian Climatic Conditions. Have been jury member for Architectural Competitions at Premier Institutions to select best eco-friendly designs of students as well as professionals. Given lectures as expert speaker at seminars organised by TERI-Griha and IGBC-India.

Specialities: Architecture, Solar Passive Architecture, Green Building Design Consultancy, Simulation of thermal and visual performance of buildings, Research and Development of Innovative Technologies.