



SANDEEP ARORA

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As a proponent of sustainability in architecture, Sandeep finds solar-passive-architecture as the most exciting dimension in building design. Over the years, in practice and in research, he has focused on tools and strategies for designing environment-friendly buildings. However, the benchmark of sustainability in Indian context is defined by basic needs of food and shelter. Currently, his work is concentrated towards understanding architecture in informal squatters/settlements and how profession of architecture has responded to various shelter related issues.

Academic Qualification/Accolades:

PhD, (pursuing, enrolled 2012)

School of Planning and Architecture. Bhopal, MP, India
Area of Study: Learning architecture from informal sector

M. Arch, 2007

Ball state University, Muncie, IN, USA
Concentration: Sustainable Architecture

B. Arch (Distinction), 2002

Madhav Institute of Technology and Science, Gwalior, MP, India.

ARCC King Medal for Excellence in Architectural + Environmental Design Research by

University of Calgary, Alberta, Canada. 2007-2008 http://www.arccweb.org/about_awards3.html

Professional/Academic Experience:

Assistant Professor:

May 2011- Present

School of Planning and Architecture. Bhopal, MP, India.

Assistant Professor:

Feb 2011- May 2011

Himgiri Zee University, Dehradun, UK, India.

Architect:

Aug 2007- Sept 2010

MSKTD & Associates Inc. Fort Wayne, IN, USA www.msiktd.com

Graduate Assistant:

Aug 2005- June 2007

CERES (Center for Energy Research/Education/Services),
CAP (College of Architecture and Planning), & Interior Design
Ball State University, Muncie, IN, USA www.bsu.edu/ceres

Research Assistant:

Aug 2004- July 2005

Madhav Institute of Technology and Science, Gwalior, India.

Architect:

April 2003- July 2004

Building Team, Gwalior, India

Foreign Visits:

USA (academics/Practice), Canada (academic)

Papers/publications/Symposiums:

- International paper on "*Adaptive and Interactive metrics: A Hidden opportunity in Design-for-Sustainability*" presented in PLEA (Passive and Low Energy Architecture) 2009 conference at Laval University, Quebec, Canada. Co-authored Prof. Robert J Koester.
- International paper/poster on "*An Evolutionary Architecture: Adapted, Interactive and Effectively Integrated Design*" presented in PLEA (Passive and Low Energy Architecture) 2009 conference at Laval University, Quebec, Canada. Co Author Ar. Shweta Saxena.
- Guest Presentation (published) on *Building Information Modeling: Redefining the Process*, 2010 CAP Alumni Symposium, Ball State University, Muncie, USA
- Published 3 Articles in Journal of Indian Institute of Architects, primarily addressing Energy Efficient Architecture. CO-Authored Prof. Y. P. Singh.

Membership/affiliations

Registered-Council of Architecture
Associate-Indian Institute of Architects(IIA)