Design Innovations in the Indian Context

GRIHA SUMMIT, New Delhi   G . S h a n k a r

"Strip away all the ego in architecture and all the design theory, the hype, and the hot magazine articles, all we do is provide shelter. If you can´t do that, you can´t call yourself an architect."

The key journey

INDIAN DESIGN

F l o w   t h r o u g h   t h e   p l a c e .

INDIAN DESIGN

VALUE BASED ARCHITECTURE
TRUTH   HONESTY   PURITY

E C S T A S Y   O F   O B S E R V A T I O N
I N T I M A C Y   O F   R E L A T I O N S H I P S

**House not as a machine to live in….
But as a living organism**

SPIRITUAL FACE OF BUILT ENVIRONMENT

SPACE   TIME   ENERGY
AAKASHAM   KAALA   SHAKTHI

FORM   HERE & NOW   TUNED TO THE NATURAL ENERGY FLOW

SPIRITUAL FACE OF BUILT ENVIRONMENT

BHAGYODAYAM –
FUNCTIONAL UTILITY

SUKHA DARSHAM –
AESTHETICS

RAMYA –
A FEELING OF WELL BEING & CONTENTMENT

RESPONSIVE ARCHITECTURE

RESOURCES - land, material, technology

ECOLOGY & ENVIRONMENT

CULTURAL TRADITIONS

TIMELESS PARAMETERS

- **LOCAL AVAILABILITY**
- **LOCAL SKILLS**

- **COST**
- **INSULATION**
- **EASE OF USE**

- **ENERGY EFFICIENCY**
- **ECO FRIENDLINESS**

- **DURABILITY & LIFE**
- **STRENGTH**

TIMELESS MATERIALS

MUD

LIME

BAMBOO

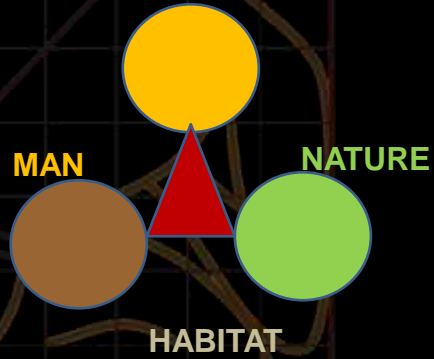# Timeless.......

EARTH

BAMBOO

- AVAILABILITY
- COST
- WORKABILITY
- LOCAL SKILLS
- AESTHETICS
- NO ENERGY
- ECO FRIENDLY
- 'ENOUGH' STRENGTH

Design Traditions in the Indian Context

Indian Vernacular Architecture- Philosophy

MAN

NATURE

HABITAT

DESIGN TRADITIONS

SCALE ,DIMENSION & PROPORTION

DESIGN TRADITIONS

SITE & TOPOGRAPHY

DESIGN TRADITIONS

Built form & Massing

Street widths & orientation

RESPONSE TO CLIMATE

DESIGN TRADITIONS

Fenestrations

RESPONSE TO CLIMATE

DESIGN TRADITIONS

OPEN ENDED FORMS

DESIGN TRADITIONS

SYMBOLS & MEANINGS

DESIGN TRADITIONS

MATERIALS & CONSTRUCTION TECHINIQUES

DESIGN TRADITIONS

- CONSERVATION
- REUSE
- RECYCLING

Design in Transition

Changing face of Urban INDIA

SITE & TOPOGRAPHY

SCALE ,DIMENSION & PROPORTION

Design in Transition : Adaptations and Innovations

Urban Housing

RESPONSE TO CLIMATE

OPEN ENDED FORMS

Design in Transition

Urban Built Environment

SYMBOLS & MEANINGS

MATERIALS & CONSTRUCTION TECHINIQUES

Architecture in changing times

Urbanization

Pace & Intensity
Promises & Challenges

Architecture in changing times

Poverty
vs
Environment
Vs
Development

Architecture in changing times

Space in Transition

- Misunderstood space (Gallent et al 2006)

- A transition phase/edge which is largely placeless? (Qvistrom, 2005)

- Metaphor of the fringe as a 'weed' (Cresswell 1997)

- Battleground between urban and rural uses (Hough, 1990)

- "Landscape out of order" (Qvistrom 2007)

Design Transitions : Adaptations and Innovations
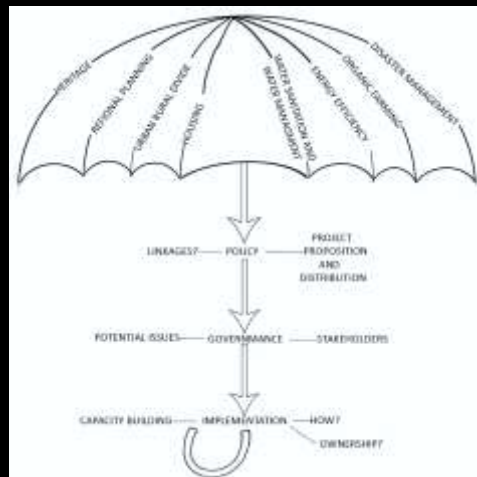
PROVIDING URBAN AMENITIES TO RURAL AREAS

Connectivities

P U R A

- **Physical**
- **Electronic**
- **Knowledge**

↓

economic connectivity in villages

Design transition : Scale

C C D B , Bangladesh

Design Transitions : Adaptations and Innovations
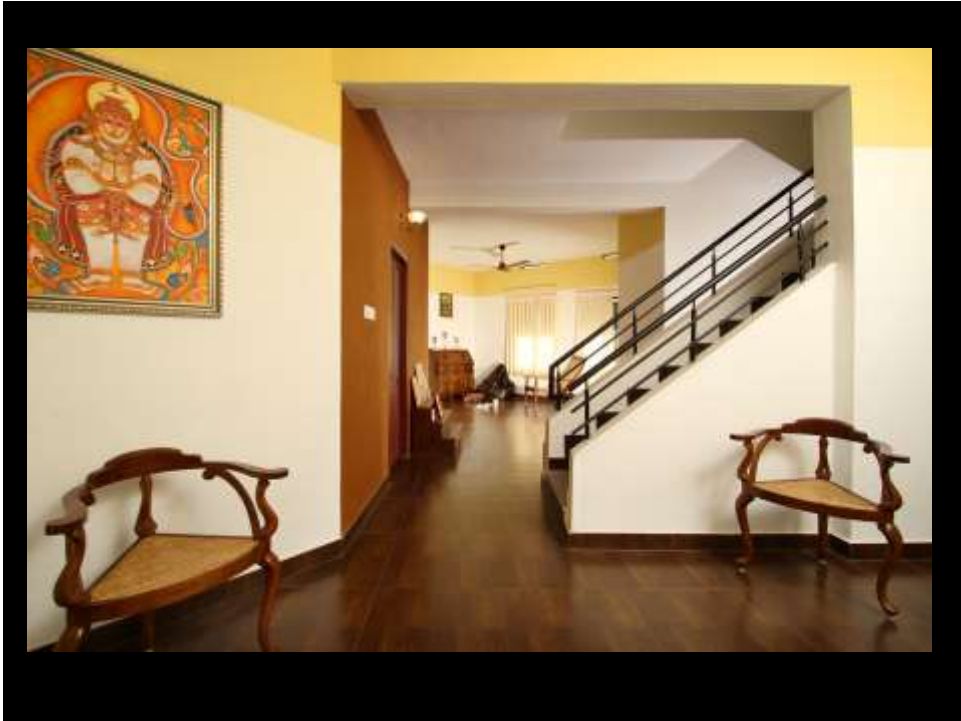

NAYA RAIPUR

Chhattisgarh

Design Transitions : Adaptations and Innovations

MAHAN TOWNSHIP
SINGRAULI-Madhya Pradesh

"Design is more than just the development of products for a market.

IT IS ABOUT

SPACE & PLACE

HOME & COMMUNITY

BODY & MEMORY

EARTH & SKY.
It is for people, for their whole lives"-
C.Davies