Connecting the Past with the Future

Griha
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Ashok Lall
Polarities?

Modernity

Tradition

Technology

Craft
Imperatives of Change

Growing population

Global Shift towards Urbanisation

Increased Material Demand
Synthesizing Approach

Growing population
- Recognizing opportunities of continuity and necessities of change
- Global Shift towards Urbanisation
- Increased Material Demand

Modernity

Tradition

Technology

Craft
Three dimensions

Modernity
Technology

Cultural

Technical

Environmental

Tradition
Craft
Three dimensions

Technology

Cultural

Craft
Three dimensions

Motor car city

Cultural

Walkable City
The conception of a city as land for exploitation of land rent through real estate must be disciplined by the environmental imperative.
A high density low-rise, small to medium grain morphology of the city is its optimal form from the Economic, Social and Environmental points of view.

DNA
Of low carbon cities

- LOW/MEDIUM RISE
- HIGH DENSITY
- SMALL GRAIN
Three dimensions

Standardized mass Production

Technical

Slow Variable Production
INDUSTRIAL PRINCIPLE

- Efficiency and reliability with low investment.
- Technologies to create wealth and knowledge locally.
- Ferro cement
- Shallow masonry dome.
- Precast concrete screen
- Stabilized mud block
- Stabilized Fal-G block
- Terracotta screen
- Woodwork for doors and windows
Three dimensions

- Energy intensive materials
- Technical
- Natural materials
Three dimensions

Artificial Environment's

Environmental

Adjusting to Natural Cycles
ASSUMPTION

...that all those practitioners in the field of the built environment who have the benefit of seeing the connection of their metier with life sustaining natural systems are willing to evolve their practice, their craft, their art, in recognition of their share of responsibility toward Life...
TRADITIONAL ARCHITECTURE OF THE HOT-DRY AND COMPOSITE CLIMATES

MIND BODY TOOL CONTINUUM

THERMAL COMFORT AND BUILDING FABRIC

PIERCING WALLS FOR DAYLIGHT
COMBINATION OF COOLING SYSTEMS

SLAB TEMPERATURE: 26°C (SUMMER) TO 20°C (WINTER)

COOLED FRESH AIR DUCTS (19°C – 22°C)

CEILING FANS (UPTO 2°C)
ADDITIONAL COOLING

RADIANT PIPING

CEILING FANS & COOLED FRESH AIR
Vernacular traditions embody the economic principle of efficiency in ordering life according to the cycles of the seasons and day and night and in having a measure of “want” that does not exceed available resource.

This is the challenge for innovation; innovation of a way of life – for the majority of our citizens – as we now move into a novel modernity.