



Auroville  
**Green Practices**

1400– 1730  
Interactive Session

**CITADINE**

## *Environment and Resource Management*

**Mohan Rao**

Principal, Integrated Design (InDe)

1500 – 1530

*Tea Break*

**LE MORGAN CAFÉ**

1900 – 2100

*Dinner at Visitors Centre*

Bus leaves MMC Parking at 1800

**Auroville Green Practices Conference 2011  
Regenerative Townships**

**Name of Workshop: Environment and Resource Management**

Name of presenter: Robin King

Organization: Center for Study of Science, Technology and Policy (CSTEP) and Georgetown University

City and country: Bangalore, India; and Washington, DC, USA

Email id: [robin@cstep.in](mailto:robin@cstep.in) and [kingr1@georgetown.edu](mailto:kingr1@georgetown.edu)

## **Background and Experience**

List of projects that the presenter has been involved with (as a professional or as a student)

Name of project: Professor of Latin American Political Economy, Georgetown University, Washington, DC USA

Name of project: Member of negotiating team for US on Environmental Side Agreement of North American Free Trade Agreement (NAFTA)

Name of project: Accommodation or Defiance: Mexico's Balancing of External and Internal Pressures in the Face of Debt Crisis and Structural Adjustment

## **Critical issues**

List of issues that the presenter is aware of in the workshop topic

Issue: Quantity and quality of scarce resources

Brief description of issue: Scarce natural resources (both renewable and non renewable) are being mined/used/stolen with insufficient attention to future needs, appropriate pricing, social desires, and externalities (pollution, for example).

Issue: Lack of planning, transparency, and inclusiveness in the discussion about use of such resources

Brief description of issue: Projects are handled on a case by case basis, without a holistic approach or transparency, and then public reaction is late, fragmented, and often futile.

## **Solutions to Critical issues**

Possible solutions to the issues presented in the previous slide

Issue: Quantity and quality of scarce resources

Solution to the issue: National and local discussions and consultations on priorities of use and management. Inclusion of citizen groups in boards overseeing use, management, and regulation of such resources.

Issue: Lack of planning, transparency, and inclusiveness in the discussion about use of such resources

Solution to the issue: Same as above, with process being open to broad members of society (multiple media, languages, and timing), with sufficient time for comment, AND a consultative/mediation process where all members of society (including industry, for example, but including citizen groups and government) can go to effectively address such issues in a timely, fair, and transparent process.

**Thank you**



**Auroville Green Practices Conference 2011  
Regenerative Townships**

**Name of Workshop: Environment and Resource Management**

Name of presenter: Samil Doshi

Organization: The Maharaja Sayajirao University of Baroda

City and country: Vadodara, India.

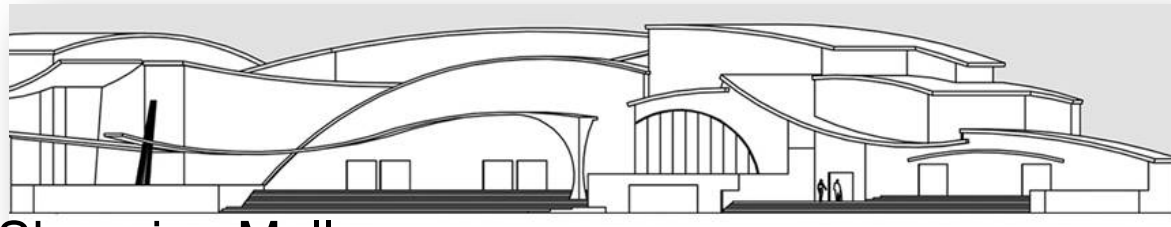
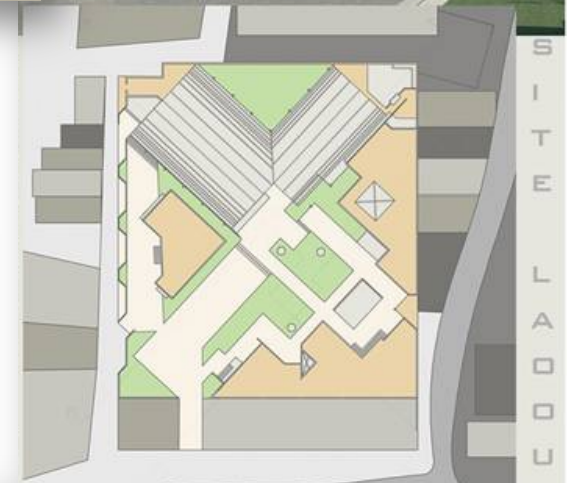
Email id: [samil\\_doshi@yahoo.com](mailto:samil_doshi@yahoo.com)





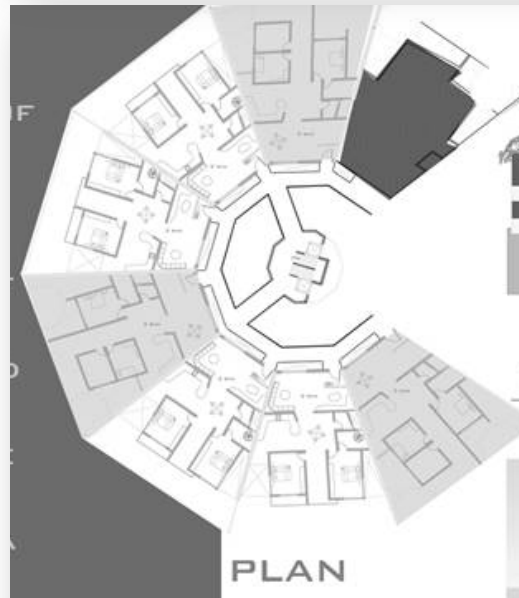
Visitor's Center for a Bird Sanctuary...

Space Design using waste material...

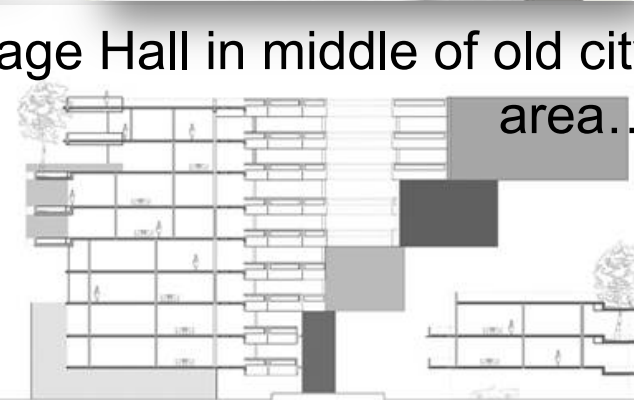


Shopping Mall...

Marriage Hall in middle of old city area...



ELEVATION



SECTION



Urban Housing by the river...





**Critical issues**

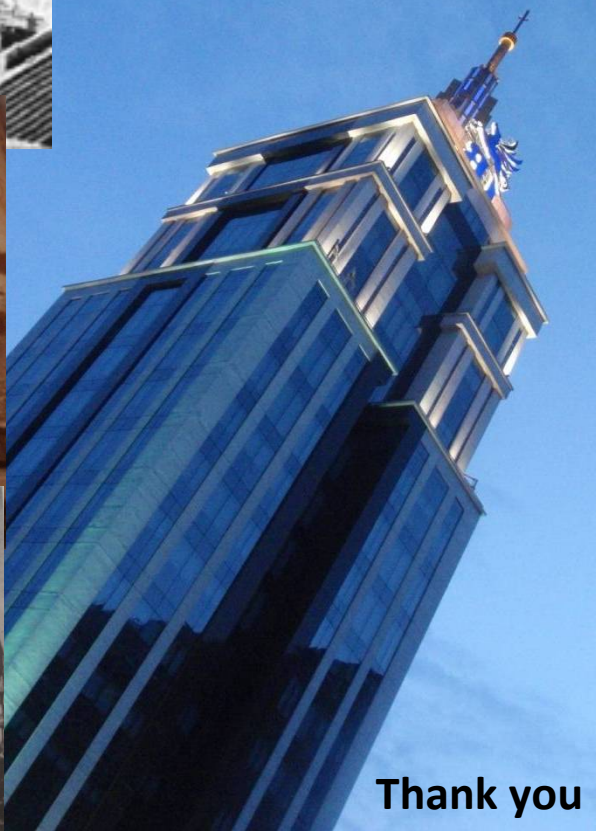
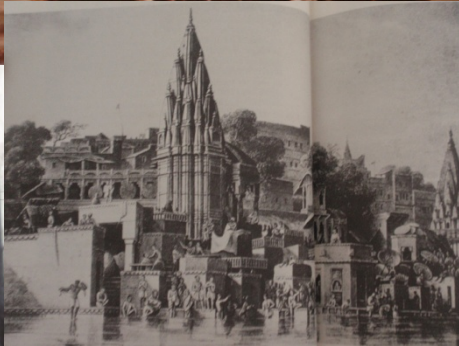
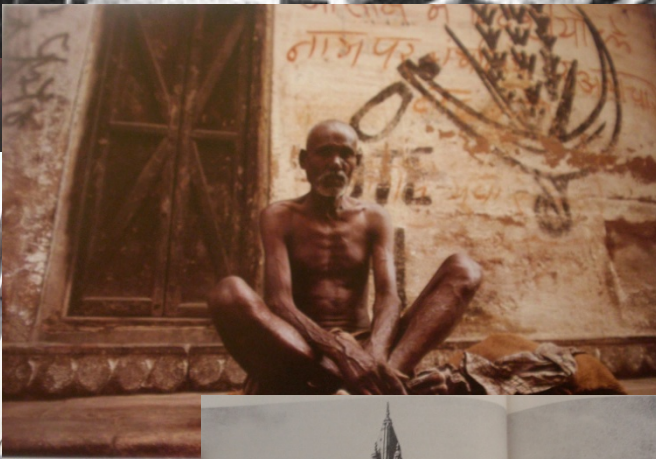
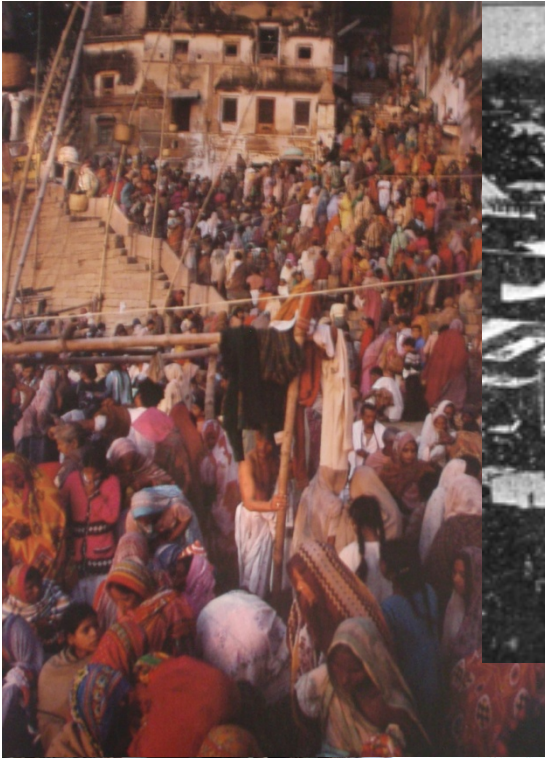
Is resource based economy possible? Do we have to thrive on money to run society?



## Solutions to Critical issues

There are few like Venus Project and Zeitgeist Project which gives us an idea of The Utopian city. A city which is resource based and balances itself in all types of ways.





Thank you

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Regenerative Townships**

**Name of Workshop:Environment and Resource mangement**

Name of presenter: Sharath. R. Nayak

Organization:Biome Environmental Solutions

City and country: Bangalore, India

Email id: sharath@biome-solutions.com

## **Background and Experience**

List of projects that the presenter has been involved with (as a professional or as a student)

Name of project: Design of Govardhan Eco Village, Wada

Name of project: Design of Oland estates, The Nilgiris

Name of project:

## **Critical issues**

List of issues that the presenter is aware of in the workshop topic

Issue: Linear open loop of consumption

Brief description of issue:

- patterns of consumptions which produce open ended waste streams, resultant loss of nutrients which would otherwise come back into the resource cycle
- Lack of holistic land use planning.
- Lack of awareness on the part of consumers

Issue:Counter productive policies

Brief description of issue:

## **Solutions to Critical issues**

Issue: Linear open loop of consumption

Solution to the issue:

- A return to to the closed loop pattern of consumptions.

Techniques, policies which facilitate this.

- Information dissipation to consumers.

- Proper landuse planning

Issue:

Solution to the issue:



**Thank you**