Experience Sharing on Blended Learning Models for Directed Research & Influencing Practice

Prasad Modak
Executive President, Environmental Management Centre, India
www.emcentre.com
Class room F2F

- Solo faculty & Panel based deliveries
- Experiential, Participatory methods
- Case study driven, Group Work, Role Plays
- Computer based, simulations (prepared apriori and on the fly)
- Use of multimedia, VC interfaces, Smart classrooms
Field based

• **Local Field Visits** – see installations, meet with institutions, stakeholder engagements (half day to a day)

• **Collage of Field Visits** – National/International travel blended with F2F sessions

• **Walking “Yatras”** – thematic (5 days to 10 days) for discovery, networking and contributions
Distance

• Course materials (physical, delivered electronically)

• Local mentors for F2F guidance, carrier counseling

• Project interface (as assignments, on-going, proposed)
Virtual (E-learning)

- “PowerPoint” driven
- Driven through discussion fora with Mentors and sharing of content
- Integrated with field assignments/projects, Outcome focused, building competencies
Blending

E-Learning

Distance

Class Room F2F

Field based
Experiments

• Getting investment proposals on Cleaner Production for a Bank – Project Case Work Approach

• Summer Finishing School

• Winter School across Three Departments (Env, Energy and School of Management)

• Creating Action Research Process and a Plan across three universities for Thesis topics
Experiments (contd)

- E-Learning as a surround/envelop to F2F course
- “Prakrutee” – blending training, stakeholder participation and implementing for replication
- “Not Just Walk in the Park”
- Clean Air Pune
- Establishing Master Mentor Network
- Internships, In-house, for others, Induction training
- ISO 29990 Standard
The PRAAKRUTE Environment Architecture in Pune
The Praakrutee Process

City Administration and Political Leadership Involved

Architectural Colleges of City Come together

Project Location and Structure finalized

Teams Fielded for Competition

Capacity Building Workshops

Design Options through Competition

Professional Jury

Award and Adaptation

Citizen Participation

Replication
The Environmental Hub
Design Brief

• The Site - Jitendra Abhishekki Udyan, Karvenagar

• The Hub Design - 1200 square feet Eco Sensitive Design structure
The Design Process
Collaborative & Participatory

Six Colleges of Architecture from Pune participated

BNCA College as the Principal Partner
The Design Process

Wednesday, February 22, 2006

Exposure to Sustainable Design

Thursday, February 23, 2006

Creative Designing by Participants
The Design Process

Friday, February 24, 2006

Display of Designs at Tathawde Park for Citizen Feedback
The Design Process

Saturday, February 25, 2006

Technical Jury Selection of ‘Best Design’
– Swedish and Indian Architects
Implementation of Design Ideas by Pune Municipal Corporation

- Allana College of Architecture, Pune
- Incorporation of Cultural Elements
- Reinforcement of Rural Theme for the Garden
- Climatic Design considerations for the Hub
- Sustainable Landscape Strategy
Environmental Hub

Business Corporates
Civic Authorities

Media
Environmental Research Organizations

Urban Interface

Praakrutee Stakeholders

Sponsorship, Support, Responding to Concerns

Stimulating Community Action
Influencing Lifestyles

Promotion
Wider Outreach
Biodiversity Maps

Complement to Education, Awareness, Building Skills
Contact Us for Joint Activities

• Ekonnect Knowledge Foundation – A Section 25, Not for Profit Organization

• Environmental Management Centre – A consulting company

• We love to innovate education, develop programs that inspire, lead and sustain
Thank you for listening!