Summary Presentation: Energy Efficient Design
Tanmay Tathaghat (Edsglobal)
ENERGY EFFICIENT BUILDING DESIGN
INTRO n DISCUSSION

INTRO
ASPECTS RELATED TO BUILDING DESIGN

COMFORT, MATERIALS AND TECHNOLOGY

MICRO CLIMATE ANALYSIS

SOLAR, WIND, WEATHER

SITE ANALYSIS

SHADOW/INSOLATION
WIND

BUILDING LEVEL ANALYSIS

ORIENTATION, MUTUAL SHADING
SHADING DESIGN
DAY LIGHTING
SIMULATION TOOLS FOR DESIGN

Indoor outdoor temperatures, Understanding day lighting

DESIGN PARAMETERS & COOLING LOADS

SHADING DEVICES