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| AR 212  Sustainable Architecture | **L-T-P**  **3-0-0**  **3 credit** | |
| 1. Historical background on the sustainable building movement  2. The Scope of Sustainable Building  3. Whole-systems thinking and integrated design; introduction to Rating systems | | |
| 4. Looking Beyond Buildings,sustainable building is about more than buildings  5. Land-Use Planning  6. The importance of land-use planning in creating sustainable communities  7. Site and Landscape  8. Integrating buildings into  9. Water Management on the Site, Water Conservation  10. Stormwater and innovative management practices  11. Understanding and conserving what could become the greatest constraint to development  12. Energy Conservation and Efficiency  13. Green building starts with energy savingsand use of Renewable Energy.  14. After reducing demand, considering our energy supply: renewable  15. Indoor Environmental Quality  16. An unhealthy building cannot be a green building  17. Materials and Resources  18. Understanding what goes into our buildings  19. Building Durability, Longer-lasting buildings are greener buildings  20. Looking Ahead: Climate Adaptation  21. Today’s buildings must be adaptable to an uncertain future | |