

Facilities Design:

1. Facilities Design Using Expert Systems.
2. Application of Simulation in Designing Facilities.
3. Recent Approaches to Designing Manufacturing Cells.
4. Implementation of ADA in Manufacturing Facilities.
5. Security Considerations in Facilities Planning & Design.

Office Design:

6. Designing a Virtual Office.
7. Designing an Office in the Home to Incorporate Safety and Efficiency.
8. Office Design for Improved Productivity.
9. Designing Modular Offices.

Warehouse Design:

10. Layout Techniques to Improve Warehouse Efficiency.
11. Fire Protection Systems in Warehouses.
12. Techniques to Maximize Space Utilization in Storage Systems.
13. Dock Design for Safety and Efficiency.
14. Use of Carousals to Improve Picking.
15. Applications of Automated and Robotic Palletizers.
16. Conveyor Sortation Systems.
17. Design and Implementation of Automated Storage and Retrieval Systems.
18. Techniques to Improve Warehouse Efficiency.
19. Small Parts Storage and Retrieval.

Materials Handling:

20. Incorporating Safety in Materials Handling.
21. Recent Trends in Palletization.
22. Strategies in Selecting Equipment for Small Parts Handling.
23. Applications of Robots in the Automotive Industry.
24. Trends and Developments in the Design of AGV Systems.

Specific Applications:

25. Use of Bar Coding for Baggage in Air Travel.
26. Airport Expansion for Handling Increased Passenger Volume.
27. Designing of Work Cells Using the Kaizan Approach.
28. Facilities Design in Lean Manufacturing.
29. Design of Library Facilities.
30. Factors to be Considered when Locating a Hotel.