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| AR 215  Facility planning and Specialized Building Design | **L-T-P**  **3-0-0**  **3 credit** |
| Flexibility and Facilities planning. Optimal space planning and cost minimization through facility layout.  Knowledge based facility planning and decision sport system  Application of artificial intelligence. Graph theoretic approach to multi-floor building design  Facility layout algorithm using graphics. Simulation in facility Planning and efficiency analysis.  Computerized Space management. Computer methods in facility layout; computer Graphics and facility layout generation. Database management systems for multifunctional building projects.  Integrated approach to specialized building design. Multi-criteria approach in building design. Project engineering management of specialized or large scale buildings. | | |