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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.  |