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| AR 171 Architectural Design - VI& Field Study  | **L-T-P** **1-0-8** **4 credit**  |
| Objective : To expose the students to design a commercial complex, stadiums, 5-star hotel, multistoried Apartments and Hospitals, Civic Buildings, Terminal Buildings, Housing Layout and University Buildings on an intermediate scale, with emphasis on the building bye-laws , cost effectiveness and innovative structural considerations  |
| Methods of space programming, analysis, evaluation of design criteria and concepts for large projects. Detailed study of methodology for design concepts for large projects. Design problems at urban or metropolitan scales with emphasis on site planning, landscape, structure, building services, HVAC systems, architectural detailing including the national acts and codes. Projects like commercial complex, stadiums, 5-star hotel, multistoried Apartments and Hospitals, Civic Buildings, Terminal Buildings, Housing Layout and University Buildings Short field study tour for similar buildings, including site visit The architectural design work shall consist of the following stages: Data collection and literature survey, Analysis, Concept, Presentation Drawings and Models Sessional: One Major Project: One live Project with model, Project Reports.  |
| Expected Outcome : Developed understanding of designing a large scale building on an intermediate scale, with emphasis on the building bye-laws , cost effectiveness and innovative structural  |
| considerations  |
| Reference Books : Space , Time & Architecture/Giedion Elements of Architecture from Form to place/Von Meiss Pierre Free Spirit in Architecture/Papadakis Introduction to Architecture/Snyder, James Colour for Architecture/Porter, Tom Time Savers Standards A handbook of Architectural Design/Callender, J Hancock Time Savers Standards For Building Type/De Chiara J Time Savers Standards For Landscape Architecture/Harris Time Savers Standards For Interior Design and Space Planning/De Chiara Joseph National Building Code  |