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| AR 172  Working Drawing | **L-T-P**  **1-0-4**  **2 credit** |
| Objective : To expose the students to the woking detail of architectural drawings. | |
| Understanding of scale, dimensioning, texture and symbols for making construction drawings  **Unit-1 (Site plan and foundation and floor plans)**  1.Site plan/layout plan showing different buildings, internal roads, water supply, sewerage including area drainage plan  2.Plans (Foundation layout plan, ground floor plan, upper floor plans, terrace or roof plan including roof drainage)  **Unit-2 (Detail of toilets, kitchen, doors, windows, elevations)**  3.Typical details of toilets, Kitchen, doors, windows etc.  4.Elevations of all sides (front, rear, and both sides)  **Unit-3 (Cross Sectional details)**  5.Cross sectional Details (transverse and longitudinal sections)  6.Sections through staircases, lifts, sanitary units and other full/part details as required.  7.Typical details to explain intricacies of design.  **Unit-4 (MEP details and Municipal drawings)**  8.Electrical Layout  9.Plumbing and Sewage Layout  10. Preparation of drawings for municipal approval showing area statement, FAR calculations using local bye-laws | |
| Expected Outcome : Developed understanding of working details for architectural drawings | |