

GUJARAT TECHNOLOGICAL UNIVERSITY

DIPLOMA IN ARCHITECTURE

FIFTH SEMESTER SYLLABUS (W.E.F.JULY 2015)

SUBJECT NAME – DESIGN STUDIO V

SUBJECT CODE – 3356201

FOCUS:

Determinants of space making on housing or house forms in rural and urban context and their relevance. Developing an appreciation of Housing as a process evolving itself with changes in people-place-time.

CONTENTS:

- Identification of the cultural factors of space making such as notion of privacy and territoriality, family structure and hierarchy, gender roles, occupational associations, traditional values and their continuity etc., interpretations of socio-cultural factors in the built form in terms of spatial organization, orientation, open, semi open and closed spaces correlation, scales and proportions etc.,
- Climate and topography, local construction system and use of materials, bye laws.
- Design of various typologies such as dwelling-cluster and neighborhood in a specific community and context, relevant case studies and their analysis, literature review, exercises related to relevant or appropriate construction systems and materials
- One major Studio Project aimed at developing an appropriate design of housing cluster suitable to the site, one mini Studio Project aiming at methodology for qualitative assessment of existing/chosen housing site for identification of characteristics & problems therein; and suggests strategies related to suitable interventions and management of the housing; one time problem.

SUGGESTED BOOKS

- House Form and Culture by Rapoport, Amos
- Architecture without Architects by Rudofsky, Bernard
- EVAW by Oliver, Paul
- Contemporary Architecture in India by Joglekar, M. N.
- Co-housing by Mc Camant & Durrett
- Life, Works and Writings of Laurie Baker by Bhatia, Gautam
- Housing and Urbanisation by Correa, Charles