

Syllabus for PAT examination D to D students

Name of subject : Building and Town Planning Subject code :
3130609

Name of Subject Coordinator : Prof. N. P. Soni

Date of Examination : 3/12/2020

Module No.	Content
1	Introduction to buildings, detailed study of Principles of building planning (with case study), Orientation of building, Principles of architecture composition, Fundamentals of Building Information Modelling (BIM)
2	Building by-laws as per National Building Code, Building by-laws of local authority, Standards for Residential, Public, Commercial, Industrial And Institutional Buildings Planning, Planning of Earth Quake Resistant Building, overview of RERA (Real Estate Regulatory Authority) and ODPS (Online Development Permission System)
4	Elements of perspective views, Types of perspective views, software application in building planning and building Drawing for 3D model generation
5	Historical aspects and origin of Town Planning in the World and in India, Necessity of Civic surveys for Planning purpose, types, data and its presentation and analysis, Fundamental principles of Town Planning. Use of GIS tools for Town Planning.
6	Components of town such as Land use, Zones, Road Network, CBD, Neighbourhood planning,

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Subject Coordinator

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