

BPLN 206: Techniques of Planning I

Module 1: Techniques of Preparing Base Maps

Choice of appropriate scale for region and settlement level plans; town development plans, zonal development plans, layout plans; graphical, linear and areal scales; contents of base maps at various scales, notations - basic disciplines of maps; Measurement of Areas;

Module 2: Data Base for Planning and Socio - Economic Surveys

Data requirements for urban and regional planning; sources of primary and secondary data; questionnaire design, measurement scale and their application, sampling techniques, types of socioeconomic surveys; self surveys, interviews, mailed questionnaires and observer participation

Module 3: Physical Surveys

Techniques of conducting surveys for land use, building use, density, structural condition of buildings, heights of building, land utilization and physical features of land; Data requirement for various types of regional plans; Techniques for conducting regional surveys

Module 4: Techniques of Graphic Presentation of Statistical & Spatial Data

Tabulation of data, graphical presentation of data; pie diagrams, histograms, bar charts, normal, semi log and double log graphs and their uses; colour, black and white presentation techniques; basisdisciplines of illustration and tables. Land use classification, coding and analysis; residential and non-residential density patterns and analysis; colour, black and white presentation techniques; basis disciplines of illustration; Presentation of spatial data, analysis and proposals.