

PAVIATH INTEGRATED SOLUTION DEMAND

CIVIL ENGG

CIVIL POLY

TUWN PLANNING

Paviath ONLINE

◆ CIVIL POLY ◆ III YEAR ELECTIVE ◆ CODE CEM63.2

DR.IFCTIVES

- ON COMPLETION OF THE COURSE, THE STUDENT WILL BE FAMILIAR:
- TO UNDERSTAND THE PRINCIPLE OF TOWN PLANNING AND SURVEYS.
- TO STUDY THE REQUIREMENTS OF HOUSING AND Slum Clearance.
- TO STUDY THE REQUIREMENT OF PUBLIC BUILDINGS, PARKS AND PLAY GROUNDS. TO STUDY THE REQUIREMENTS AND TYPES OF URBAN ROADS AND TRAFFIC MANAGEMENT
- TO STUDY THE IMPORTANCE OF HOUSING AND SLUM CLEARANCE PROGRAMMES.
- TO PREPARE MASTER PLAN AND FOR RE-PLANNING OF EXISTING TOWNS. ABOUT BUILDING Bye Laws and other miscellaneous topics.

PUBLIC BUILDINGS

31 POUC BUILDINGS BENERAL - SUITABLE LOCATION OF PUBLIC BUILDINGS -CLASSFICATION OF PUBLIC BUILDINGS - PENICIPLES OF DESIGN OF PUBLIC BUILDINGS - TOWN CENTRES - BROUPING OF PUBLIC BUILDINGS - REDUIREMENTS OF PUBLIC BUILDINGS - GREEN HOUSE - CIVIC ASSTHETICS 3.2 PARKS AND PLAY BROUNDS LICATION OF URBAN GREEN SPACES - CLASSIFICATION OF PARKS -PARK SYSTEMS - PARK DESIGN - FINANCE FOR PARKS - PARKWAYS -PLAYBOUNDS - SPACE STANDARDS - LINDSCAPE ARCHITECTURE. 2.3 VANCTED DIN

3.3 MASTER PLAN General – objects – necessity - factors to be considered -

BERERAL - UBJELIS - RELEASIT - FALINGS TO BE LORSDBERED -DATA TO BE COLLECTED DRAWINGS TO BE PREPARED - FATURES OF MISTER PLIN - PUNNING STANDARDS - REPORT - STADES OF PREPARATION - METHOD OF EXECUTION-CONCLUSION. 3.4 RE-PLANNING EXISTING TOWNS GENERAL-OBJECTS OF RE-PLANNING - ANALYZING THE DEFECTS OF

GENERAL UBJELS UP KE-PLANNING - ANALTZING THE UPELIS OF Existing towns -data to be collected - difficulties in Ma Aster Planning Existing towns / cities - urban renewal Projects - merging of suburban Areas - decentralization -satellite towns - smart cities - definition and features -superce drains - refuses of towns - refuse disposal

1.1 TOWN PLANNING PRINCIPLES

LI TOWN PLANING PRINCIPLES GENERAL - EVOLUTION OF PLANING - OBJECTS OF TOWN PLANING -ECONOMIC JUSTIFICATION FOR TOWN PLANING - PRINCIPLES OF TOWN PLANING - NECESSITY OF TOWN PLANING - ORIGIN OF TOWN PLANING - RECESSITY OF TOWN PLANING - ORIGIN OF TOWNS - GROWTH OF TOWNS - STARES IN TOWN OEVELOPMENT -PERSONALITY OF TOWNS - DISTRIBUTION E HADO- FORMS OF PLANING - STEFE FOR AN IOEAL TOWN - PEQUIREMENTS OF NEW TOWNS - PLANING OF A MODERN TOWN - POWERS REDUIRED FOR ENFORCEMENT OF TOWN PLANING SCHEME - COST OF TOWN PLANING - RESENT POSITION OF TOWN PLANING IN INDIA 12 SURVES

1.2 SURVEYS GENERAL – NECESSITY- COLLECTION OF DATA-TYPES OF SURVEYS FOR PLANNING A NEW TOWN- USES OF SURVEYS 1370NING

MEANING OF THE TERM- USES OF LAND, OBJECTS AND PRINCIPLES OF ZDNING -ADVANTAGES OF ZDNING - IMPORTANCE OF ZDNING -Aspects of ZDNING - Transition ZDNE -ECONOMY OF ZDNING -SPECIAL ECONOMIC ZONE (SEZ) – ZONING POWERS – MAPS FOR ZONING.

4.1 URBAN ROADS AL - DBJECTS - REDUIREMENTS OF GOOD CITY ROAD - FACTORS TO BE CONSIDERED - CLASSIFICATION OF URBAN ROADS - TYPES OF STREET SYSTEMS - THROUGH AND BY-PASS ROADS - DUTER AND INNER RING ROADS - EXPRESSWAYS - FREEWAYS - PRECINCTS ROAD AESTHETICS

5.1 BUILDING BYE -LAWS

GENERAL - DBJECTS OF BYE-LAWS - IMPORTANCE OF BYE-LAWS -Function of Local Authority - responsibility of Owner -FUNCTION OF CLOCAL ADHORITY - RESPONSIBILITY OF DWINER -APPLICABILITY OF BYE-LAWS - SET BACKS TO BUILDINGS -NECSSITY OF SETBACKS - LIGHT PLANE - PLOT COVERAGE - FLOOR SPACE INDEX - MAXIMUM HEIGHT OF BUILDINGS - OFF-STREFE PARKING - FIRE PROTECTION - MINIMUM WIDTH OF STREFES AND PLOT SIZES - SENDE OTHER TERMS - PRIVIDE IS UNDERLYING IN FRAMING BUILDING BYE- LAWS - BUILDING BYE-LAWS FOR RESIDENTIAL AREA OF A TYPICAL TOWN PLANNING SCHEME -BUILDING PACE. BUILDING BYE - LAWS FOR OTHER TYPES OF BUILDINGS -Development control rules - general rules of metropolitan

AREA - CMDA RUIES

5.2 MISCELLANEOUS TOPICS Arports – Location - Size - Noise Control - Parts of An AIRPORTS

2.1 HOUSING

GENERAL – IMPORTANCE OF HOUSING – DEMAND FOR HOUSES - BUILDING SITE - REQUIREMENTS OF RESIDENTIAL BUILDINGS - CLASSIFICATION OF RESIDENTIAL BUILDINGS – DESIGN OF RESIDENTIAL AREAS - RURAL HOUSING - AGENCIES FOR HOUSING -INVESTMENT IN HOUSING - HUDCO - CIDCO - HOUSING PROBLEMS IN INDIA

2.2 SLUMS

GENERAL - CAUSES OF SLUMS - CHARACTERISTICS OF Slums - Effects of slums - Slum Clearance -Problems in removing slums - improvement WORKS - OPEN PLOT SCHEME - SLUM CLEARANCE AND Rehousing - Prevention of Slum Formation -RESOURCES FOR SLUM CLEARANCE PROGRAMMES -THE INDIAN SLUMS

TEXT ROOK

TOWN PLANNING - S.C. RANGWALA,: CHAROTAR PUBLISHER (2011), PUBLISHER

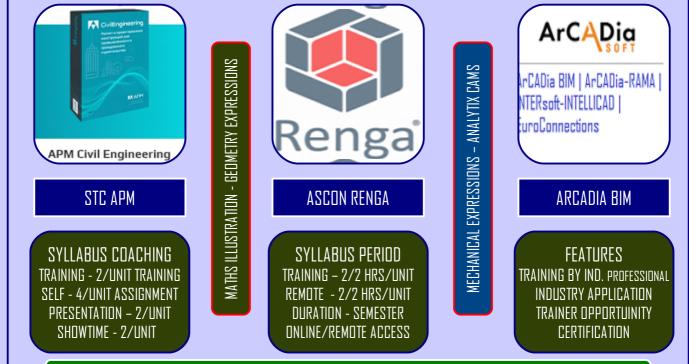
2. K.S.RANGWALA AND P.S.RANGWALA,. _TOWN PLANNING II,CHAROTAR

PUBLISHING HOUSE,15TH EDITION,1999. 3. MICHAEL HORD, R. REMOTE SENSING METHODS AND APPLICATION, JOHN WILEY AND SONS

4. NATIONAL BUILDING CODE OF INDIA- PART-III.(2005).

5. MUNICIPAL AND PANCHAYAT BYE-LAWS, CMDA RULES, CORPORATION RYF-LAWS

6. K.A. RAMEGOWDA, URBAN AND REGIONAL PLANNING , UNIVERSITY **DE MYSORE**



info@paviathintegratedsolution.com -www.paviathintegratedsolution.com www.paviathjobportal.com