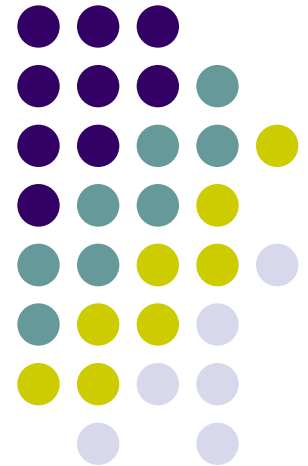
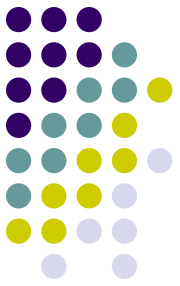


THEORIES OF URBAN STRUCTURE

Dr. RITUPARNA GHOSH
ASSISTANT PROFESSOR OF GEOGRAPHY
RANIGANJ GIRLS' COLLEGE





- **URBAN STRUCTURE REFERS TO THE LAY OUT, PHYSICAL PLAN OF A CITY OR TOWN- ITS PATTERN OF STREETS, BUILDING BLOCKS, INDIVIDUAL BUILDINGS, THEIR DIFFERENT FUNCTIONS, DENSITIES ETC.**

THEORIES OF URBAN STRUCTURE



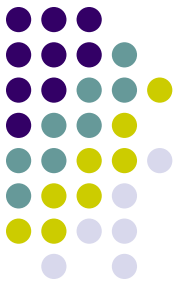
- **BURGESS CONCENTRIC ZONE THEORY**
- **SECTOR THEORY OF HOYT**
- **MULTIPLE NUCLEI THEORY OF HARRIS AND ULLMAN**

BURGESS CONCENTRIC ZONE THEORY

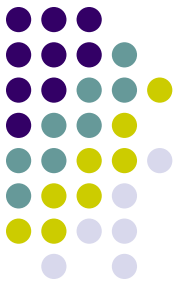


- **THE CONCENTRIC ZONE THEORY WAS PUT FORWARD IN 1925 BY E.W. BURGESS, AN URBAN SOCIOLOGIST**
- **THE THEORY WAS BASED ON THE STUDY OF CHICAGO**

MAIN ASSUMPTIONS OF THE THEORY

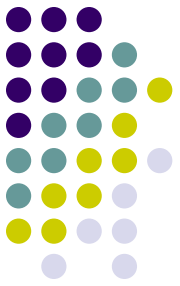


- **THE GROWTH OF A CITY TAKES PLACE OUTWARDS FROM ITS CENTRAL AREA TO FORM A SERIES OF CONCENTRIC ZONES**
- **THE CITY HAS A SINGLE CENTRE- THE MAIN CENTRE FOR EMPLOYMENT, WHERE THE SPACE IS LIMITED AND LAND VALUES ARE HIGHEST**
- **THE POPULATION IS HETEROGENEOUS CULTURALLY AND SOCIALLY**

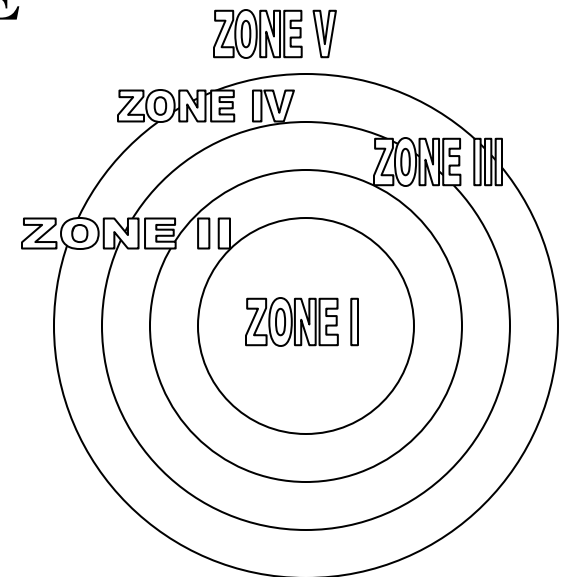


- **COMMERCIAL AND INDUSTRIAL ACTIVITIES DOMINATED THE ECONOMY OF THE CITY**
- **EXPANDING AREA AND POPULATION OF THE CITY**
- **TRANSPORTATION IS EQUALLY EASY, RAPID AND CHEAP IN EVERY DIRECTION WITHIN THE CITY**
- **NO CONCENTRATIONS OF HEAVY INDUSTRY**

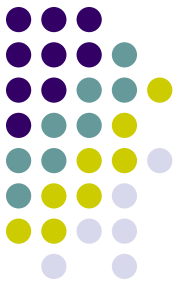
DIFFERENT ZONES IN CONCENTRIC THEORY



- ZONE I - CENTRAL BUSINESS DISTRICT
- ZONE II- ZONE IN TRANSITION
- ZONE III- ZONE OF INDEPENDENT
WORKING MEN'S HOME
- ZONE IV- ZONE OF BETTER
RESIDENCES
- ZONE V- COMMUTER ZONE

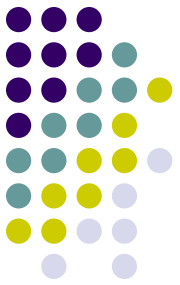


LIMITATIONS

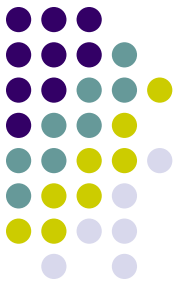


- **THIS MODEL LACKS UNIVERSALITY**
- **CITY RARELY FORMS A CONTINUOUS CONCENTRIC ZONE AND THE CONCENTRIC ZONES ARE DISTORTED BY MAJOR TRANSPORT AXES AND TOPOGRAPHICAL FEATURES**
- **NO REFERENCE HAS BEEN MADE TO THE SITING OF HEAVY INDUSTRY**

SECTOR THEORY OF HOMER HOYT



- THE THEORY WAS PUT FORWARD IN 1939
- THE CITY GROWS IN SECTORS OR WEDGES RADIATING OUTWARDS FROM THE CBD ALONG MAJOR TRANSPORTATION ROUTES
- CBD IS LOCATED IN THE CENTRE
- WHOLE SALE MANUFACTURING INDUSTRIES ARE LOCATED CLOSE TO THE CBD



- THE LOW INCOME GROUPS OCCUPY THE AREA CLOSEST TO THE CBD
- THE MIDDLE INCOME GROUP ACT AS A BUFFER AND OCCUPY THE AREA BETWEEN LOWER AND HIGHER INCOME GROUP
- THE HIGHER INCOME GROUP MOVE TO THE PERIPHERY OF THE CITY

MULTIPLE NUCLEI THEORY



- THE THEORY WAS PUT FORWARD IN 1945 BY C.D. HARRIS AND E.L. ULLMAN
- LAND USE PATTERN IS BUILT UP AROUND SEVERAL GROWTH POINTS OR NUCLEI
- THE NUCLEI EITHER EXISTS BEFORE OR DEVELOPS AS THE CITY GROWS
- THE CITY HAS A CELLULAR STRUCTURE
- THE FOLLOWING ZONES ARE PROPOSED BY THE THEORY:-



- 1. CBD
- 2. WHOLESALE LIGHT MANUFACTURING
- 3. LOW-INCOME RESIDENTIAL
- 4. MIDDLE-INCOME RESIDENTIAL
- 5. HIGH-INCOME RESIDENTIAL
- 6. HEAVY MANUFACTURING
- 7. OUTLYING BUSINESS DISTRICT
- 8. RESIDENTIAL SUBURB
- 9. INDUSTRIAL SUBURB