



योजना एवं वास्तुकला विद्यालय दिल्ली  
School of Planning and Architecture, New Delhi  
An "Institution of National Importance" under an act  
of parliament (Ministry of Education, Govt. of India)

# PLACEMENT BROCHURE

2022-24

# MUP

MASTER'S IN URBAN PLANNING

# SPA DELHI

## About the School

The School of Planning and Architecture had a modest beginning in 1941 as a Department of Architecture of Delhi Polytechnic. It was later affiliated to the University of Delhi and integrated with the School of Town and Country Planning which was established in 1955 by the Government of India to provide facilities for rural, urban and regional planning. On integration, the School was renamed as School of Planning and Architecture in 1959.

Recognizing the specialized nature of the fields in which the School had attained eminence, in 1979, the Government of India, through the then Ministry of Education and Culture, conferred on the School of Planning and Architecture the status of "Deemed to be a University". With this new status, the School had broadened its horizon by introducing new academic and extension programmes and promoting research and consultancy activities. It was recognized as "An Institute of National Importance under an Act of Parliament" in 2015.





## Message from the HOD



**Prof. (Dr.) Sanjukta Bhaduri**

Professor-Urban Planning  
Head of Department, Urban Planning  
SPA Delhi

“

*The Master of Planning (with specialization in Urban Planning) Programme of the Department of Urban Planning, SPA-New Delhi is designed to prepare its students in skills of analyses of Physical, Social, Cultural, Economical, and Ecological dimensions of Urban Settlements and evolving solutions to various challenges and problems.*

*Over the course of a 2 year's programme, our students receive training in the preparation of various types of physical plans such as Outline Development Plan (ODP), Master Plans and formulation of Detailed Project Report (DPR). Additionally, they are exposed to emerging concepts in urban planning including smart cities, inclusive cities, eco-friendly cities, livable cities, and sustainable cities, etc. which are gaining relevance in India's disclosure of policy. The students are prepared and trained to apply knowledge gained in the theory lecture and hands on training experience of various analytical techniques and empirically driven case studies based studio exercises related to comprehensive and micro level urban development issues for evolving appropriate development strategies.*

*This course has been specifically created to educate students on all aspects of urban land use, financing, and human settlement so that they can respond to new problems in the most analytical way possible. **Students have performed well in the academic exercises and I am confident that our students with their endowed skills would prove to be an asset to any organization dealing with human habitat and built environment.***

*I sincerely wish them all the luck to achieve great heights in their future endeavors.*

”

# About our Curriculum

## INTEGRATED SEMESTER

### 01

#### STUDIO

1. Article Review
2. Area Appreciation - Delhi
3. Site planning - Noida
4. Outline Development plan: 2042 - Jalna, Parbhani and Ahmednagar

#### SUBJECTS

1. Planning Techniques
2. Planning History and Theory
3. Housing and Environmental Planning
4. Infrastructure and Transport Planning
5. Statistics and Demography
6. GIS application planning
7. Socio-Economic Base for planning

## SECOND SEMESTER

### 02

#### STUDIO

1. Master plan and Zonal Development plan of Hubbli and Dharwad

#### SUBJECTS

1. City and Metropolitan Planning
2. Sustainable Planning and Development
3. Infrastructure Planning
4. Project Planning and Management
5. Landuse and Transport Planning
6. Urban information system
7. GIS application in Planning

## THIRD SEMESTER

### 03

#### STUDIO

1. Strategic Urban Infrastructure Development plan and DPR

#### SUBJECTS

1. Urban Development Management
2. Development Finance
3. Urban Risk and Disaster Management
4. Community Participation and planning
5. Urban Design and Heritage
6. Thesis Research Seminar
7. Institutional Elective

## FOURTH SEMESTER

### 04

#### STUDIO

1. Thesis Project

#### SUBJECTS

1. Planning Legislation & Professional Practice
2. Urban Development Policies
3. Institutional Elective



# SEMESTER 01

## Assignment 1: Area Appreciation

### Introduction

The aim of the area appreciation exercise is to understand and contextualize the location of the area in relation to the city, zone and area in which the particular place is situated. This is done in relation to the socio-economic, spatial and cultural characteristics of that city. Various sites are selected across Delhi in all directions (North, South, East and West). These sites are majorly planned residential colonies and planned Industrial Estate.

**45 Sites | 3 Batches | 118 Students**

#### First Semester M.Planning Integrated Programme

The first semester is an integrated programme which is common to all the five planning disciplines with specializations in Urban Planning, Regional Planning, Housing, Transport Planning and Environment Planning.



# AREA APPRECIATION

Various Sites were selected across Delhi in all directions (North, South, East and West). These sites were majorly planned residential colonies and planned Industrial Estate. These are the list of sites selected and a map showing locations in the city with Metro line connectivity.

Sites selected for Area Appreciation (Planned Residential and Industrial Sites of Delhi)

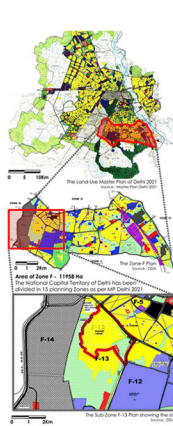
## Location of Sites selected for Area Appreciation



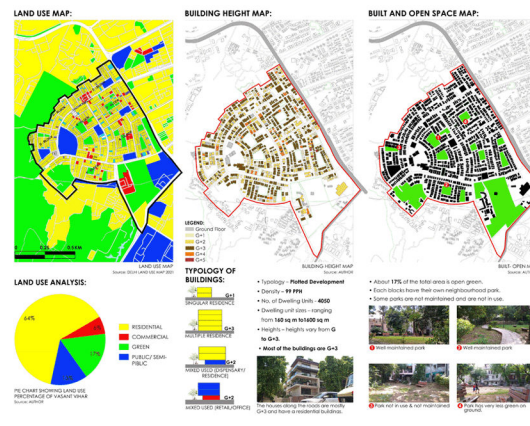
- LEGEND**
- Location of residential sites
  - Location of Industrial sites
- Delhi Metro Active Routes**
- Line 1/Red Line: Rithala - Dilshad Garden
  - Line 2/Yellow Line: Jangpuri - HUDA City Center
  - Line 3/Blue Line: Dwarka Sector 21 - NOIDA City Center
  - Line 4/Blue Line: Yamuna Bank - Vaishali
  - Line 5/Green Line: Ashok Park - Kirti Nagar
  - Line 6/Violet Line: Mandi House - Badarpur Border
  - Line 7/Pink Line: Rithala - Majlis Park - Shiv Vihar
  - Line 8/Magenta Line: Janakpuri West - Botanical Garden
  - Airport Express Line/Orange Line: New Delhi Railway Station - Dwarka Sector 21

## VASANT VIHAR

### LOCATION



### LANDUSE MAP

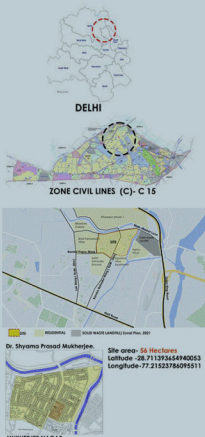


### TRAFFIC FLOW

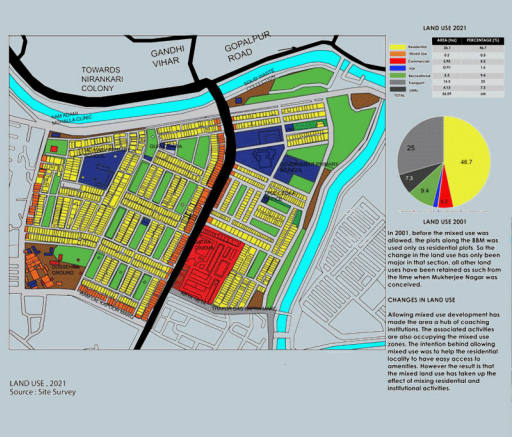


## CIVIL LINES

### LOCATION

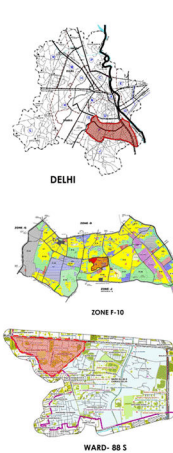


### LANDUSE MAP

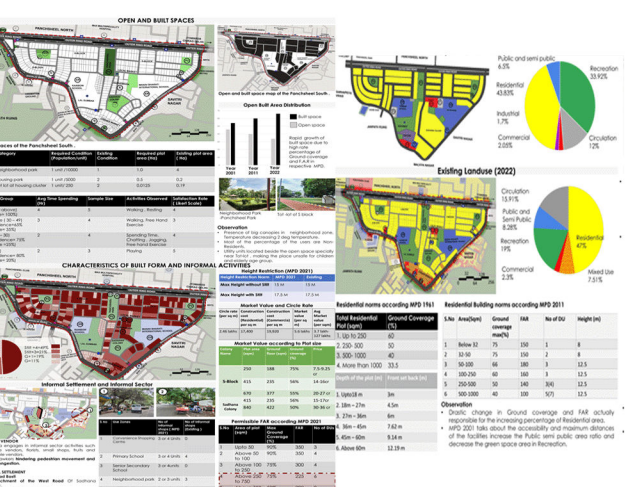
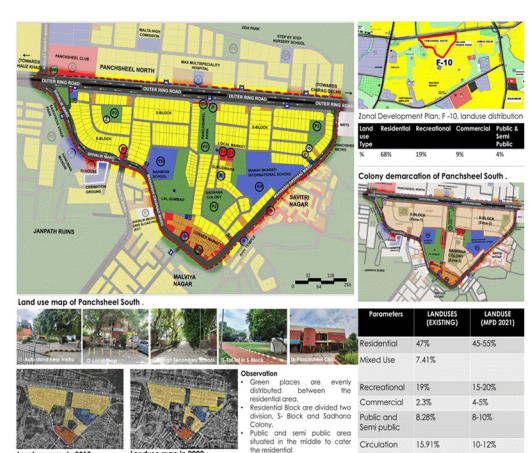


## PANCHSEEL SOUTH

### LOCATION



### LANDUSE MAP





# SEMESTER 01

## Assignment 2: Site Planning

### Introduction

Site Planning is a process of physical planning of a given area for a particular use based on certain norms, requirements and local considerations. The objective of this exercise is to make us familiar with various components and design process involved in residential neighbourhood planning.

**7 Sites | 3 Batches | 118 Students**

Output - A series of site plans indicating clearly the various aspects of the proposed developments such as the overall concept, road layout and parking, location of residential blocks, network of water supply, sewerage and drainage lines/pipes, power supply, connections, location of landscape element, social facilities, open spaces, etc.,

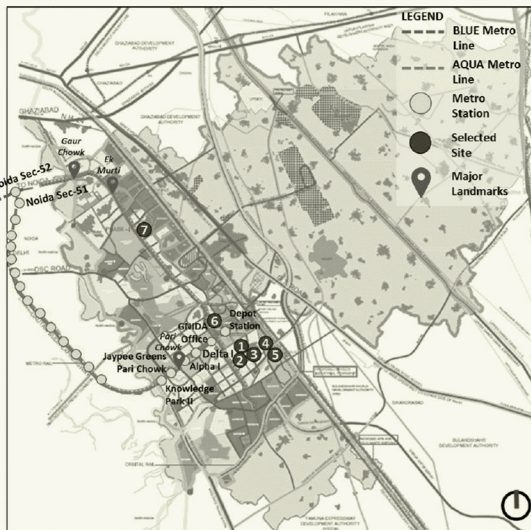


# SITE PLANNING

## DELIVERABLES:

- **Concept** – Conceptual layout contextualizing site and surroundings
- **Site Plan** – Prepare a site plan at a scale of 1:1000 showing surrounding land use, road network, open space, utilities network, landscaping and zoning of activities.
- **Layout Plans** – Prepare a layout plan at 1:500 scale providing details of the housing typology, building blocks, parking and circulation network, landscaping, street furniture layout, service network, physical and social infrastructure
- **Block model** – at 1:500 scale of the site design
- **Report** – A detailed report explaining the concept, design considerations, etc

## Location of Sites in Greater Noida



<b>Site 1</b> Sector MU 13 Ha (Luxury Segment)	<b>Site 3</b> Sector MU 13 Ha (Luxury Segment)	<b>Site 5</b> IIT, 12 Ha (Industrial Context Segment)	<b>Site 7</b> Sector 12, 21 Ha (Affordable Segment)
<b>Site 2</b> Sector MU 14 Ha (Luxury Segment)	<b>Site 4</b> IIT, 13 Ha (Industrial Context Segment)	<b>Site 6</b> Sector ETA 02 18 Ha (Mixed Segment)	

## SITE 2 - LUXURY SEGMENT

### SITE PLAN & LANDSCAPING



## SITE 3 - LUXURY SEGMENT

### SITE PLAN & LANDSCAPING



## SITE 4 - INDUSTRIAL CONTEXT

### SITE PLAN



## SITE 5 - INDUSTRIAL CONTEXT

### SITE PLAN



2 ENTRY / EXIT PROVIDED TO THE SITE - 1 FROM ROAD WITH AQM ROW CENTRALIZED GREEN AREA SHARED GREENS, SANDWICHED BETWEEN TWO RESIDENTIAL ZONE. RESIDENTIAL AREA EQUIDISTANT TO ALL GREEN AREAS.

CLUSTER HOUSING HIG - PLACED IN SUCH A WAY THAT THEY WILL GET THE VIEW OF PROPOSED GREEN SPACES.

EWS - LIG SECTION HAS SEPARATE GROUP OF CLUSTER ARRANGED TOWARDS INDUSTRIAL AREA. SEPARATE RECREATIONAL/ GREEN SPACE FOR HIG/ MIG & LIG/EWS.

COMMERCIAL AND PSP ARE PROVIDED ALONG THE MAJOR ROADS CONNECTED WITH PEDESTRIAN PATHWAYS.

GREEN BELT AROUND SITE. HIGH TENSION WIRE RUNNING ALONG ONE PORTION OF SITE. BUFFER CONSIDERATIONS TAKEN.



# SEMESTER 01

## Assignment 3: Outline Development Plan

### Introduction

A city is a multi-dimensional, dynamic and a futuristic space. Understanding city involves appreciating this multi-dimensional aspect and include them in the city making proces. To understand the current conflict in development but also to carve out a vision for the city. For this we need to understand the dynamics of various components of the city and how and what level interventions can be made to achieve that vision. We were asked to study a city in terms of its present problems and issues and project a futuristic vision in terms of scenario building.

**3 Cities | 3 Batches | 118 Students**

For the studio programme, the Outline Development Plans are to be prepared for three cities/towns of Maharashtra - Jalna, Ahmednagar and Parbhani.

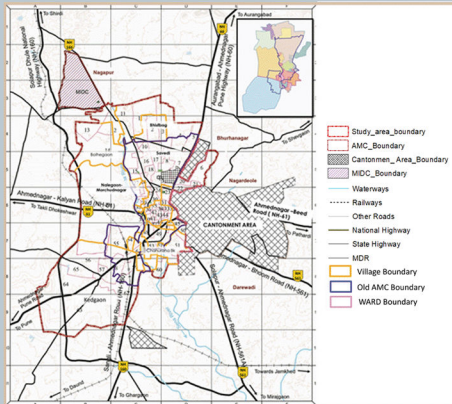


# Outline Development Plan - Ahmednagar 2042

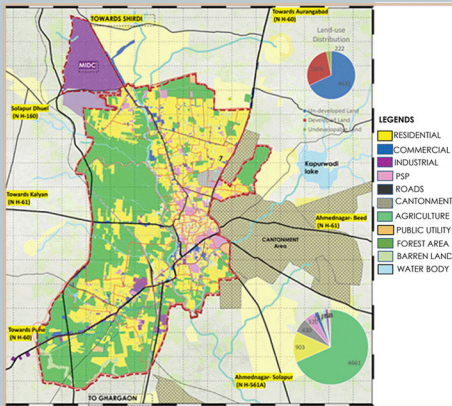
## VISION

### AAPLA NAGAR

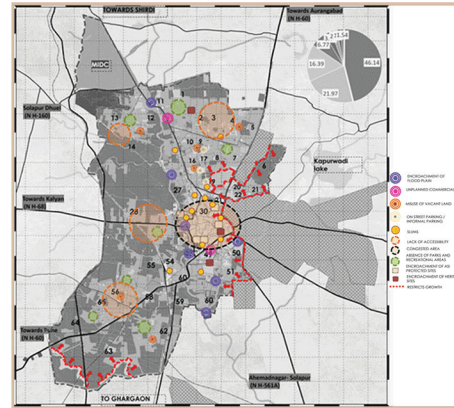
To develop the city for its people focusing on public participation in envisioning the future. An agro-industrial economy with inclusive, resilient, resource-efficient approach by promoting, eco-friendly environment with improved quality of life.



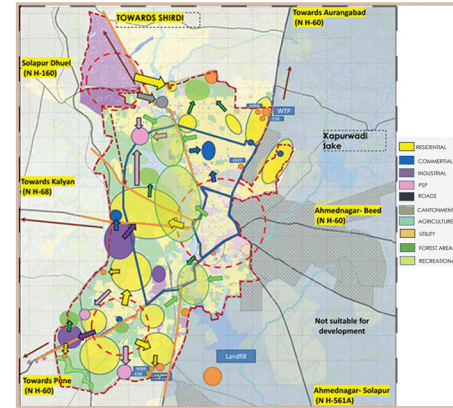
(i) Study area - Ahmednagar



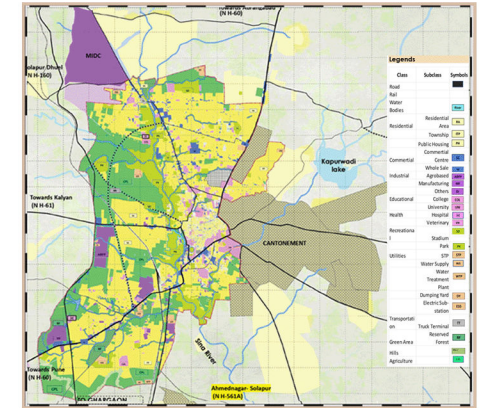
(ii) Existing Land Use map - 2022



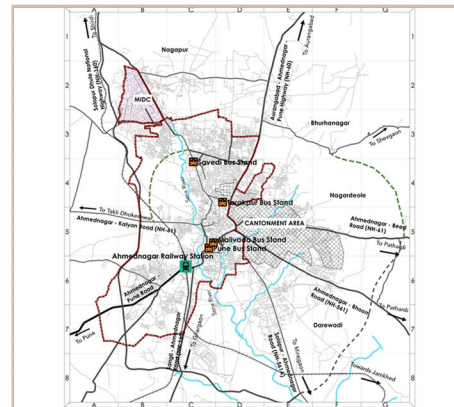
(i) Key Issues Identified



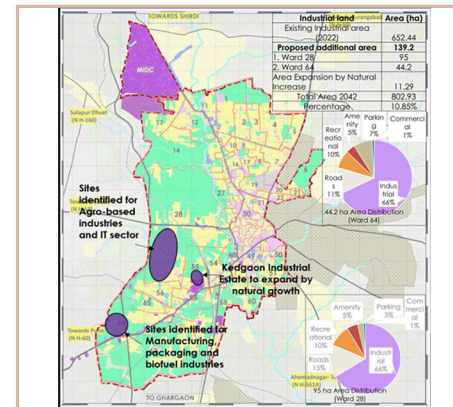
(ii) Conceptual Zoning



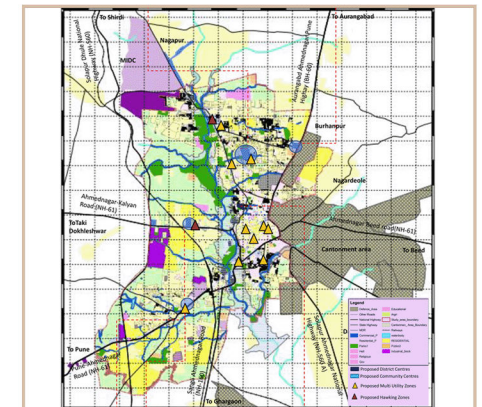
(iii) Proposed Land Use Plan 2042



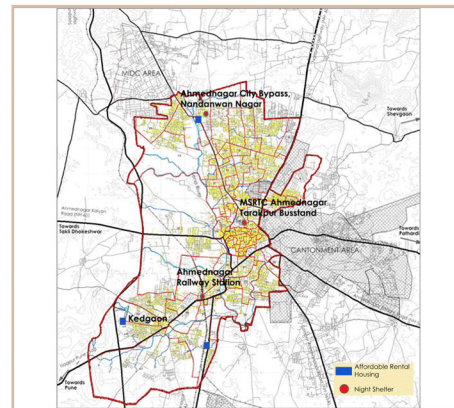
(iv) Proposed road network



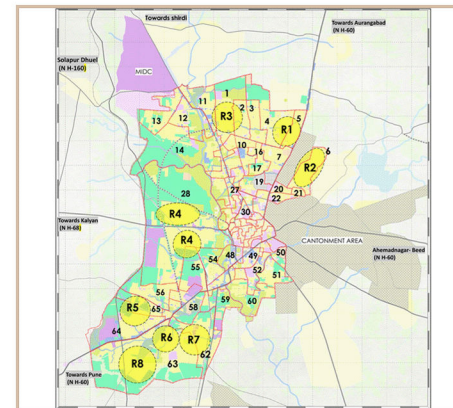
(v) Proposed Industrial area



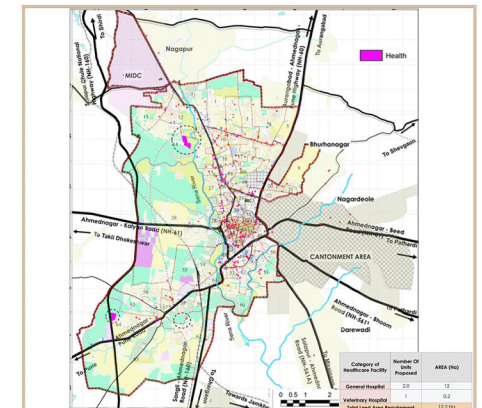
(vi) Tertiary sector proposals



(vii) Night shelter and affordable rental housing



(viii) Housing proposals



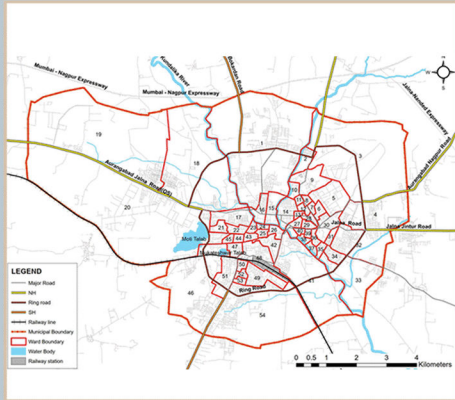
(ix) Proposals - Healthcare



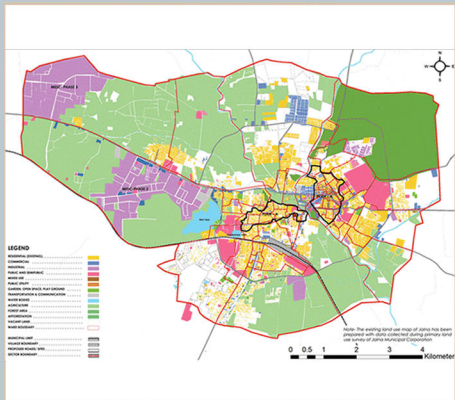
# Outline Development Plan - Jalna 2042

## VISION

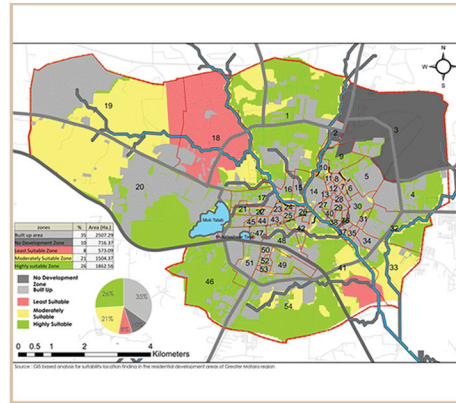
To develop **Jalna** as an economically vibrant, self reliant, livable and environmentally sustainable city by **2042**



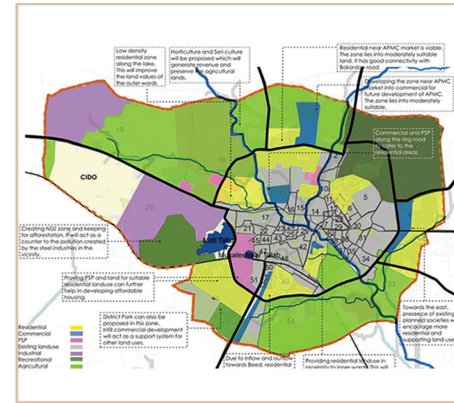
(i) Study area - Jalna



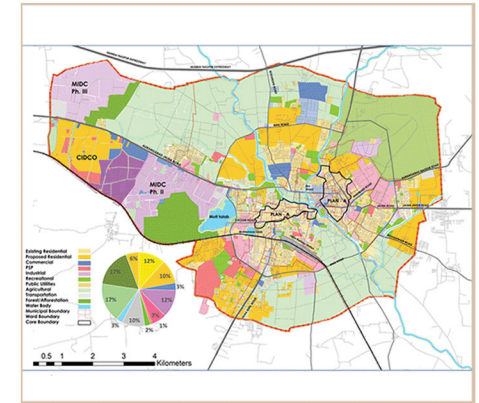
(ii) Existing Land Use map - 2022



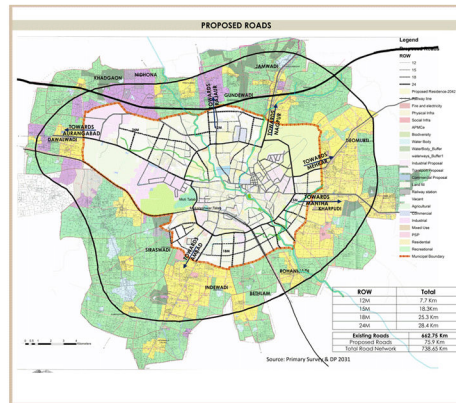
(i) Key Issues Identified



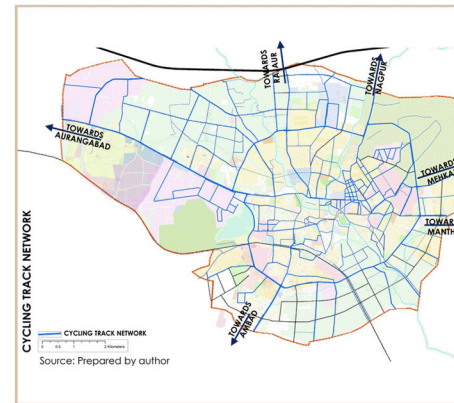
(ii) Conceptual Zoning



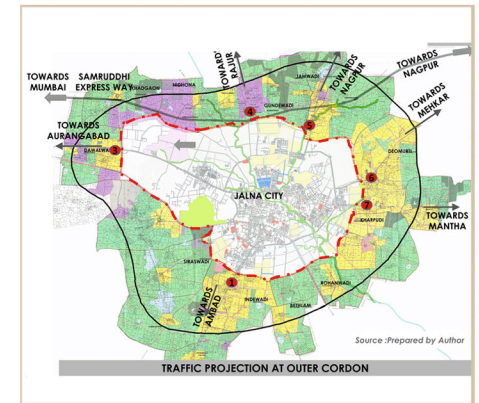
(iii) Proposed Land Use Plan 2042



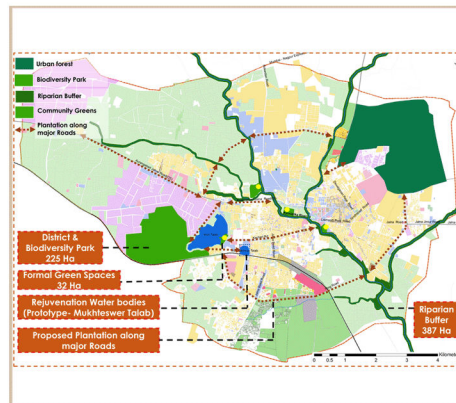
(iv) Proposed roads



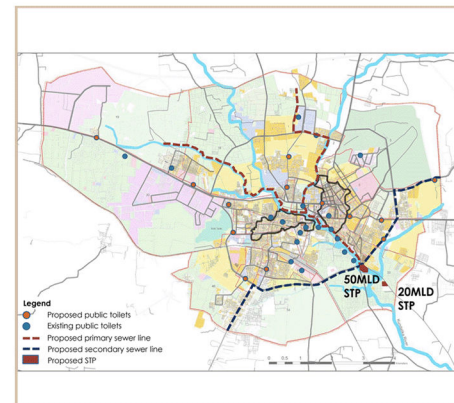
(v) Cycling track network



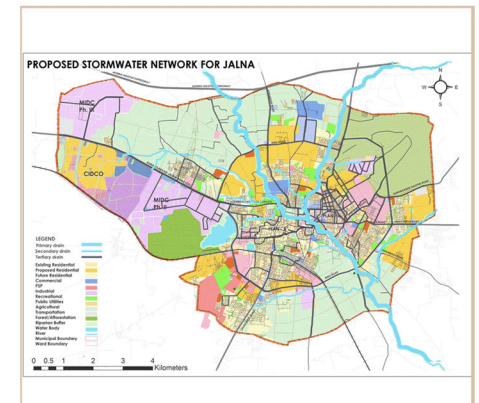
(vi) Proposed By-Pass road



(vii) Blue-Green network



(viii) Proposed sewer network and public toilets



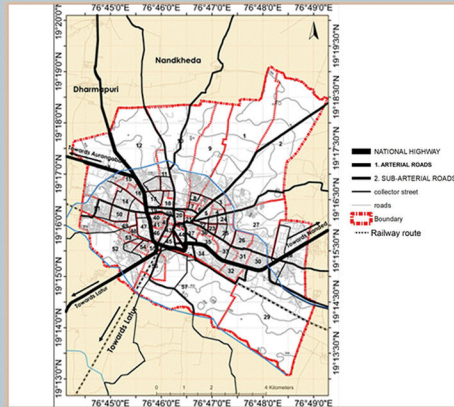
(ix) Proposed stormwater network



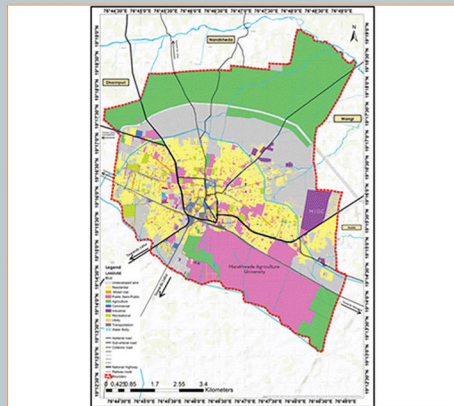
# Outline Development Plan - Parbhani 2042

## VISION

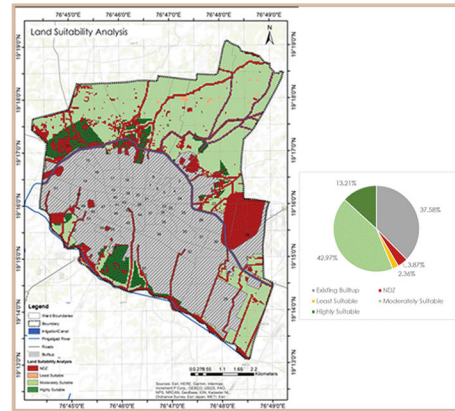
To achieve - a **sustainable, growth-driven economy** which acts as a magnet for education and provides **employment opportunities & affordable housing** for a better quality of life.



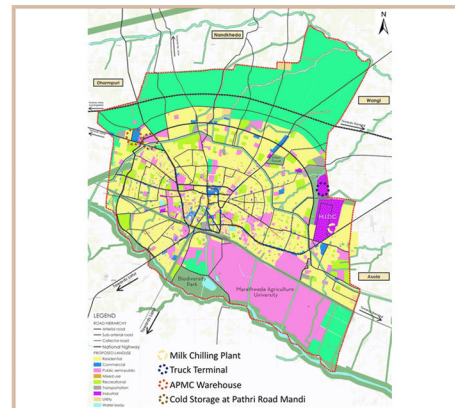
(i) Study area - Parbhani



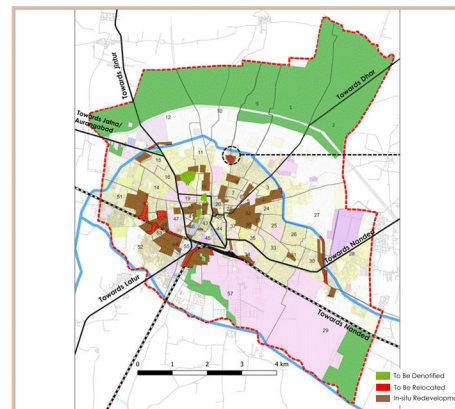
(ii) Existing Land Use map - 2022



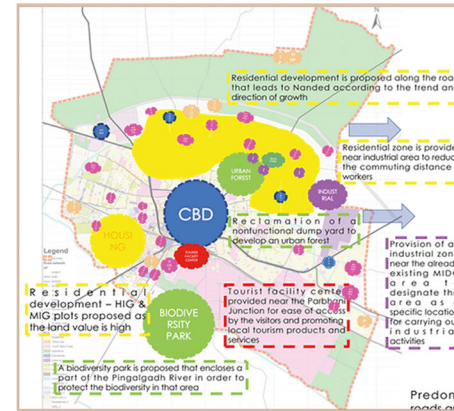
(i) Key Issues Identified



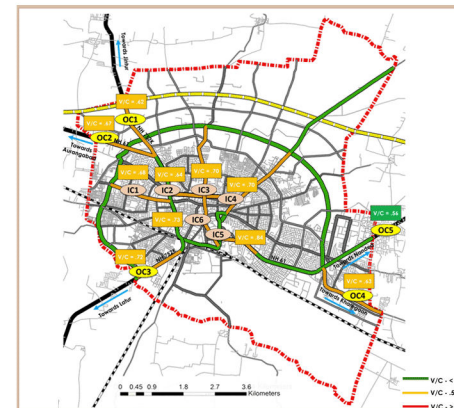
(iv) Location of proposed ware houses & chilling plant



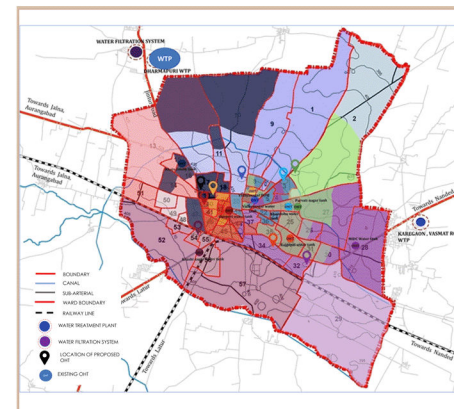
(vii) Slum proposal



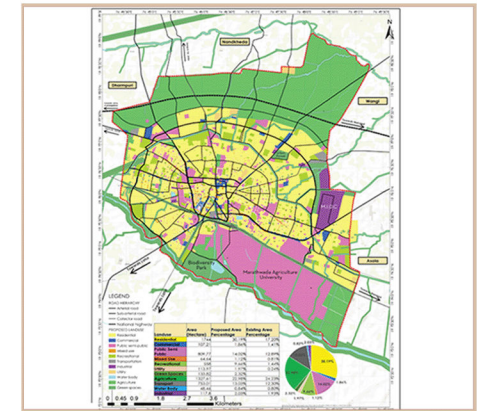
(ii) Conceptual Zoning



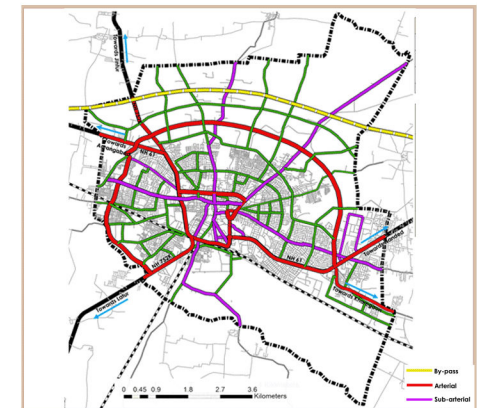
(v) Proposed level of service (2042)



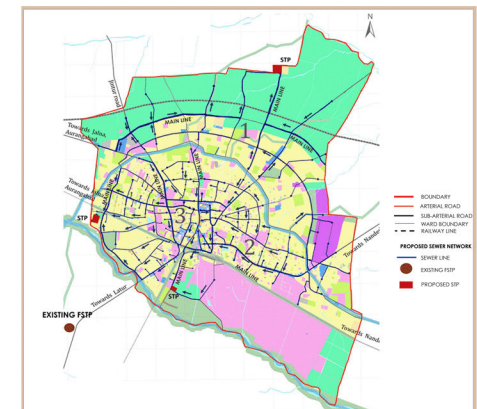
(viii) Proposal for service reservoirs



(iii) Proposed Land Use Plan 2042



(vi) Proposed road hierarchy



(ix) Proposed sewerage system



# SEMESTER 02

## Assignment 1: Master Plan, Hubballi Dharwad

### Exercise : GIS based Master Plan for Hubballi-Dharwad Urban Area

It shall deal with preparation of a spatial and land use plan for future physical growth of Hubballi-Dharwad and it shall be done by overviewing Hubballi-Dharwad spatial growth and development and their issues from various sources like past master plans, City Development Plan for Hubballi-Dharwad city, Hubballi-Dharwad - Smart Cities Mission, Major Development Projects under Atal Mission for Rejuvenation and Urban Transformation (AMRUT), Pradhan Mantri Awas Yojana (PMAY-Urban), State Plan Division, Planning Commission, Government of India, and by conducting primary surveys in select localities with respect to the following select sectors as they serve as backbone of urban development in Hubballi-Dharwad.

1. Regional Setting & City Evolution ; 2. Demography and Socio-economic Profile; 3. Land use; 4. Economic Activities (Trade, Commerce, Industries, and Tourism) 5. Housing; 6. Traffic and Transportation; 7. Physical Infrastructure; 8. Social Infrastructure; 9. Environment and Disaster; 10. Heritage, Conservation and Urban Design; 11. Governance and Municipal Finance

**11 Sectors | 35 Students | 1 Plan**

Master planning is the process of connecting built environments, social structures, and their surrounding environments. The prepared master plan for Hubballi Dharwad took all these aspects into account to form a comprehensive development guide for the next 20 years.

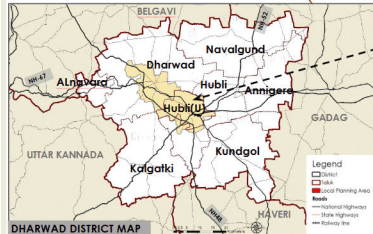
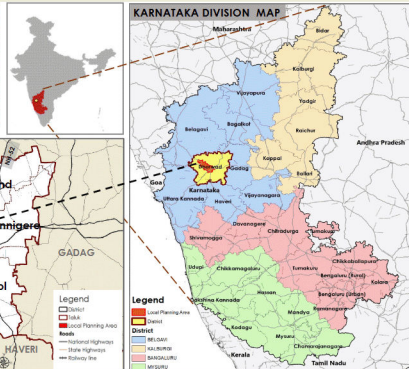


# Master Plan - Hubballi-Dharwad 2043

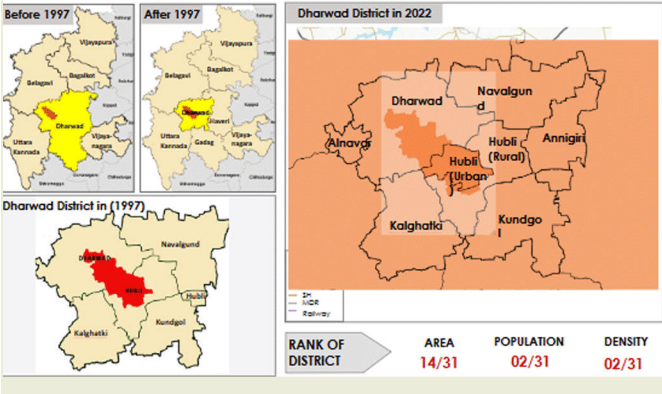
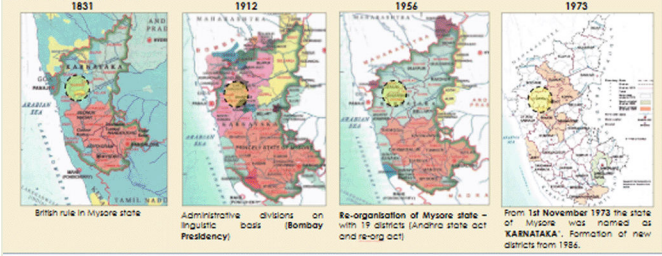
A Master Plan is an evolving long term Statutory planning document that works out land and infrastructure requirements for various urban and rural uses and allocate land for these uses to result in harmonious and sustainable distribution of activities.

## Location of Hubli - Dharwad

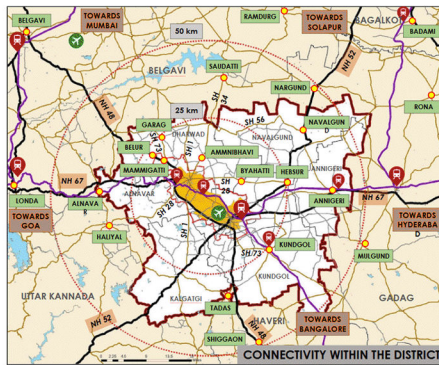
- Longitude & Latitude: 15°02' and 15°51' North; 73°43' and 75°35' East
- Population (2023 Projected): 11,61,598
- Municipal Boundary: 204.1 sqkm
- Planning Area Boundary: 402.08 sqkm
- Villages: 10
- Hubli-Dharwad is a twin city in Dharwad district in Belgaum division of the Karnataka of India



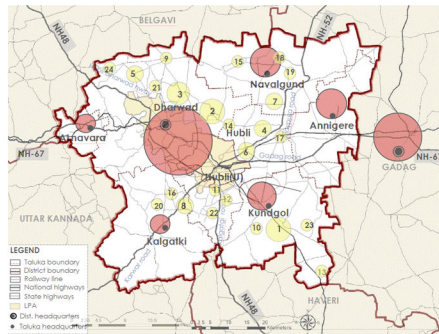
## Evolution -



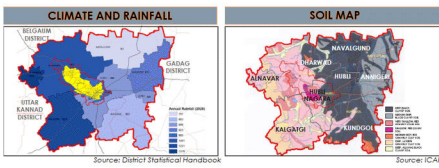
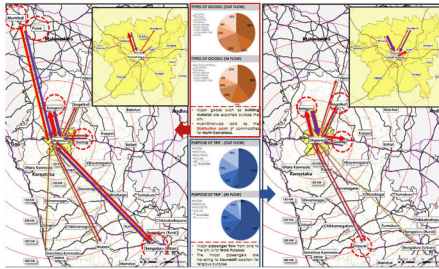
## Regional Connectivity-



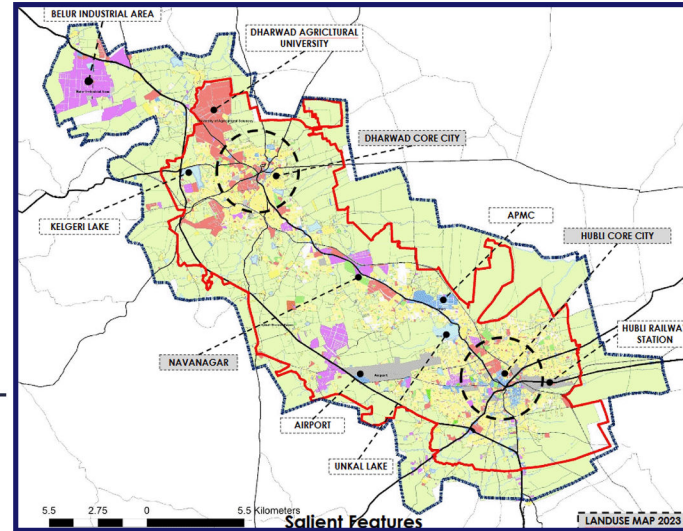
## Settlement Pattern within District-



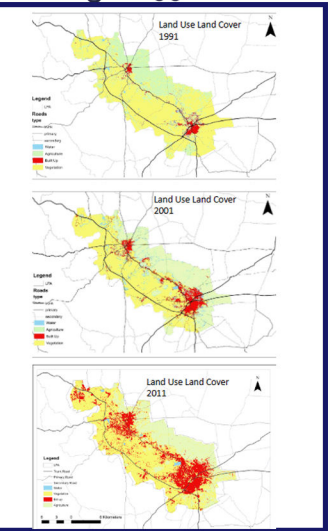
## Functional linkages ( Goods and Passengers)



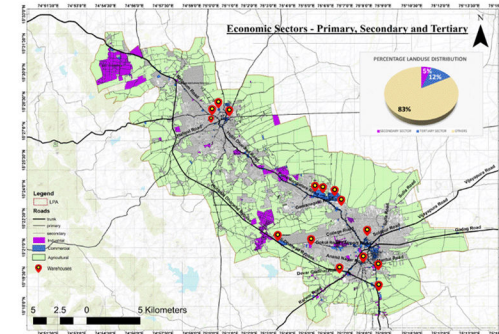
## Existing Landuse in Hubli Dharwad-2023



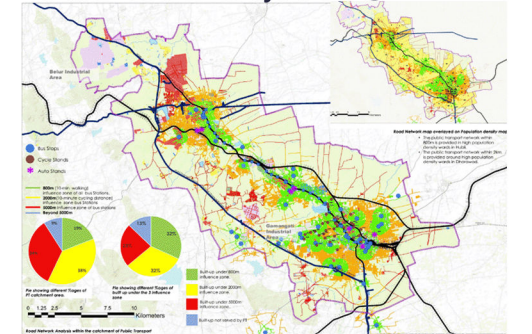
## Landuse - Landcover changes 1991-2011



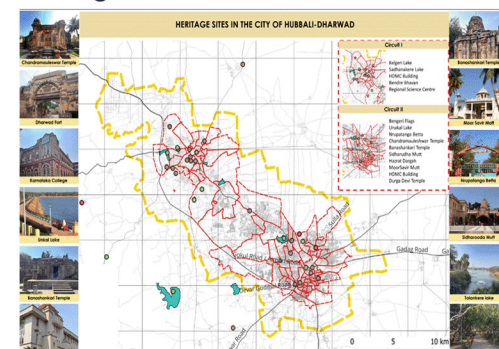
## Economic Activities-2023



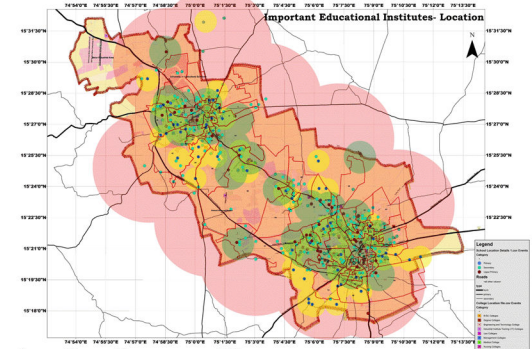
## Road network Analysis-2023



## Heritage Sites in cities-2023



## Buffer Analysis of PSP-2023



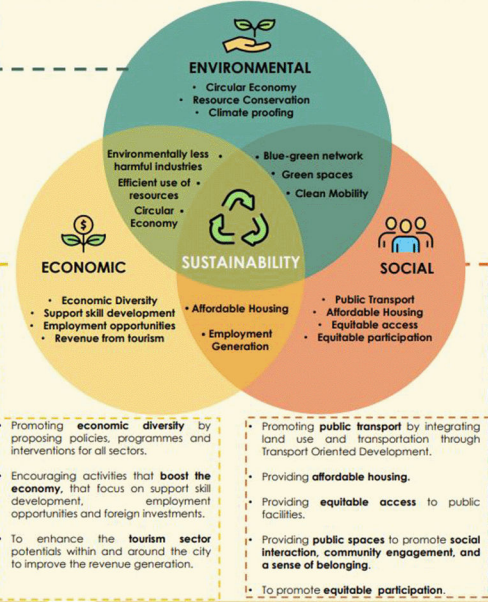


# Master Plan - Hubballi- Dharwad 2043

## VISION

### MAJOR APPROACHES FOR DEVELOPMENT

- To integrate circular economy principles and sustainable practices such as resource conservation, waste reduction, and management systems for waste, water, and resources.
- To promote the implementation of climate proofing measures that make the city more resilient to the impacts of climate change.



### LANDUSE

To implement a polycentric development approach to decongest the city, enable planned development, and promote sustainable use of land.

### TRAFFIC & TRANSPORTATION

To create a transportation system for the city by prioritizing public transportation, clean mobility, and traffic safety while discouraging private vehicle ownership.

### ECONOMIC BASE

To enhance the economic growth in the city by using local resources, diversifying the economy, boosting the existing and attracting new activities, as well as promoting tourism.

### HOUSING

To enhance the housing situation in the city by analyzing the housing scenario, identifying the housing gap, evaluating policies critically, and improving infrastructure facilities for slums.

### INFRASTRUCTURE

To provide sufficient and accessible physical and social infrastructure in city, by analyzing infrastructure gaps and surpluses, achieve equitable distribution, and ensure quality infrastructure through policies.

### HERITAGE, CONSERVATION AND URBAN DESIGN

To develop Hubli-Dharwad into a heritage tourism hub while enhancing the city's livability and inclusivity by ensuring universal accessibility for all.

### ENVIRONMENT

To promote environmentally sustainable growth of the city by identifying developable land, establishing a blue-green network, making the city climate-proof, and formulating policies and regulations to support sustainable development.

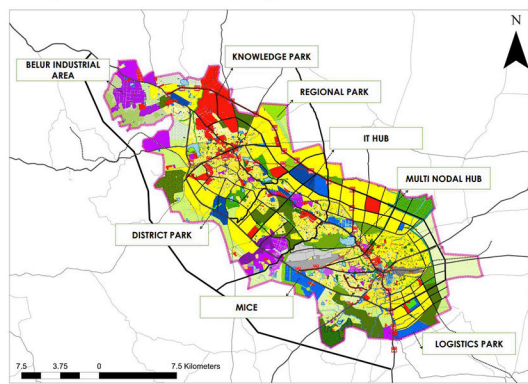
### GOVERNANCE

To promote mechanisms to improve good governance through participatory and e-governance, public awareness and strengthening the revenue.

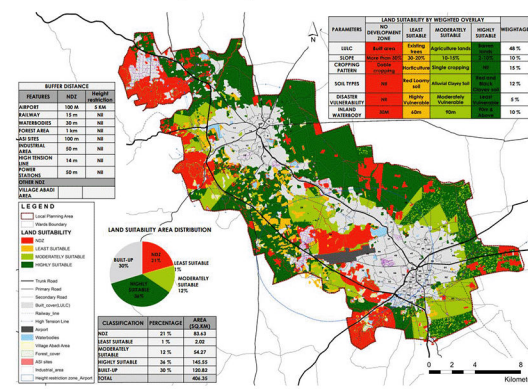
### SECTORAL APPROACHES FOR ACHIEVING THE VISION

- Promoting economic diversity by proposing policies, programmes and interventions for all sectors.
- Encouraging activities that boost the economy, that focus on support skill development, employment opportunities and foreign investments.
- To enhance the tourism sector potentials within and around the city to improve the revenue generation.
- Promoting public transport by integrating land use and transportation through Transport Oriented Development.
- Providing affordable housing.
- Providing equitable access to public facilities.
- Providing public spaces to promote social interaction, community engagement, and a sense of belonging.
- To promote equitable participation.

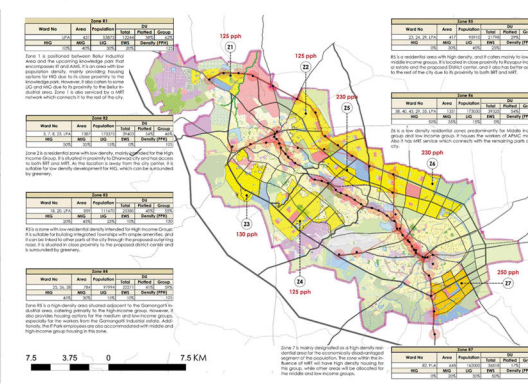
### Proposed Land use map : 2043



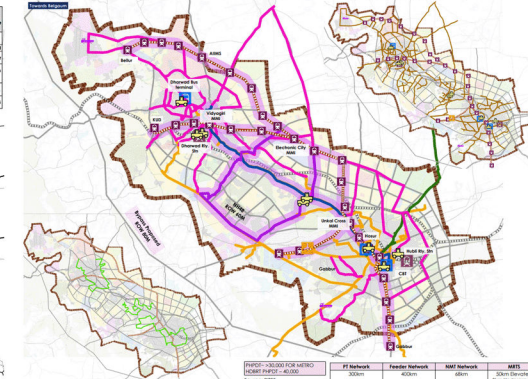
### Land suitability analysis:



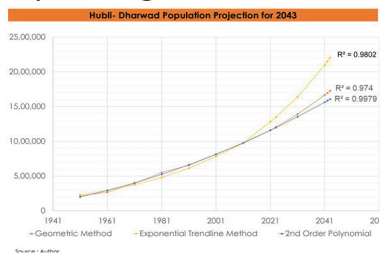
### Proposed Residential zones:



### Proposed Public transport:



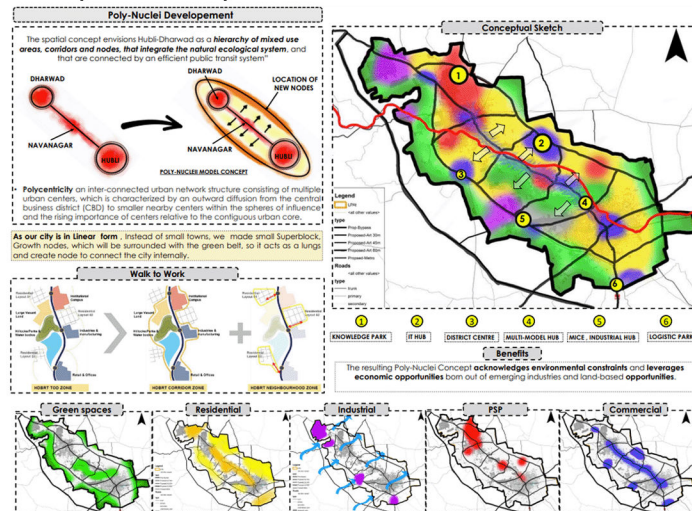
### Population growth:



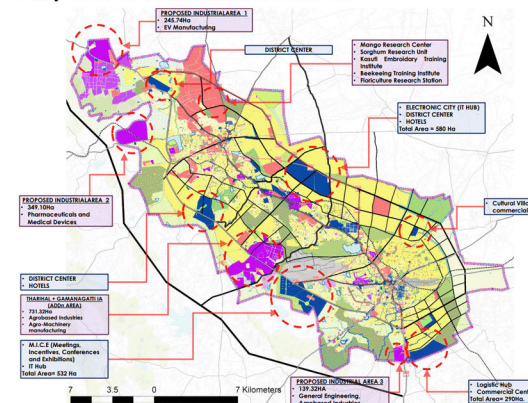
Assuming inductance in the population due to the proposed development in education sector, industry, tourism & transport and physical and social infrastructure sectors.

Year	Population	Growth Rate
1951	21261	25.34%
1961	24235	46.75%
1971	39233	40.15%
1981	54983	19.18%
1991	65532	24.17%
2001	81304	19.59%
2011	97310	19.21%
2023	119312	41.39%
2031	146009	44.40%
2041	202797	27.92%
2043	220000	27.92%

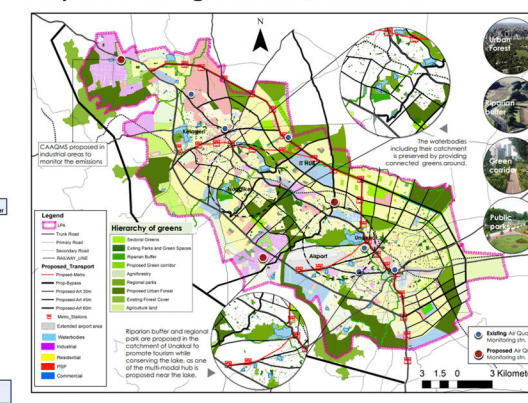
### Concept for development:



### Proposal of economic activities:



### Proposed Blue green infrastructure:





# SEMESTER 02

## Assignment 2: Zonal Development Plans (ZDPs)

### Exercise : Zonal Development Plans for Hubballi-Dharwad Urban Area

Zonal development plans are statutory documents which are to be prepared within the framework of Master Plan proposals. Select zones are to be identified by consulting research or study material, web based resources and conducting online and virtual surveys based on spatial, physical, demographic, socio- economic and other characteristic features of development in the city. Zoning is the way by which local bodies influence and control physical growth in particular geographical areas with detailed information with regard to provisions for infrastructure, traffic and road circulation patterns and other related aspects. It would aim at segregating uses that are incompatible with one another, preventing new development from interfacing with existing land uses and economic activity to preserve the character of the local communities.

**10 Sectors | 35 Students | 7 ZDPs**

OUTPUT:

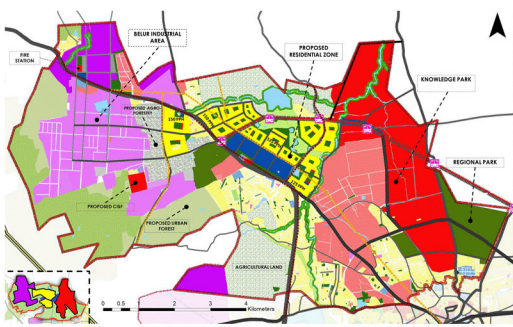
Detailed Zonal Plans were formulated of the 7 identified zones, taking into account the following features:

1. Highlighting location, linkage and road connectivity
2. Describing growth, spatial distribution and density of population
3. Analyzing traffic volume, road circulation and mobility pattern
4. Assessing status of economic function, activity and development
5. Examining role of governance and municipal finance
6. Identifying issues and potential of growth and development
7. Working out future demand for infrastructure
8. Proposing future land use (plan) based on the conceptual plan
9. Formulation of strategies and policy guidelines for future growth and development



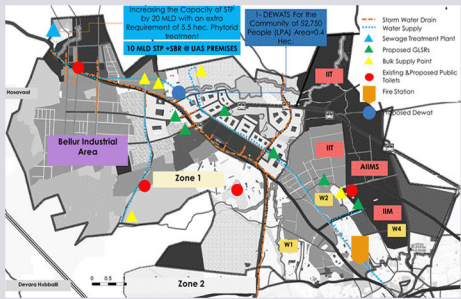
# Zonal Development Plan - Hubli Dharwad 2043

## ZONE 1



- Knowledge park and District centre near the knowledge park having a lot of potential .
- Green corridors , urban forest & parks act as lungs to the city .(26% of Z1)
- Public Transportation System by Metro, Bus & IPT and Proposed HIG, MIG, LIG & EWS Housing

### Physical and Social Infrastructure



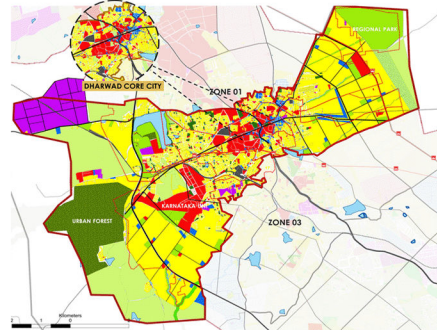
### Development of areas around lakes



### Development of central plazas and green buffer



## ZONE 2

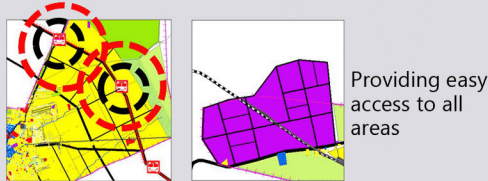


- Karnataka University and Karnataka Arts College are important
- Interconnected green spaces that double as cycle tracks, providing park visitors with a seamless means of transportation.
- To address the current gap in healthcare facilities, a super specialty hospital is proposed in Zone 2.

### Multi-Modal Transit Hub



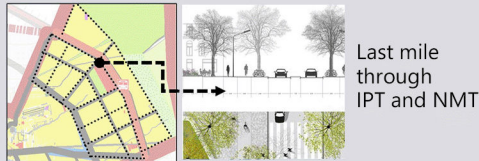
### Road Network



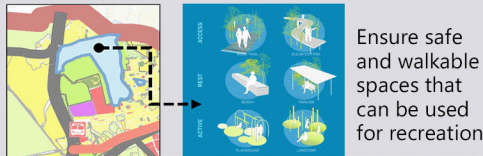
### RESIDENTIAL AREA

### INDUSTRIAL AREA

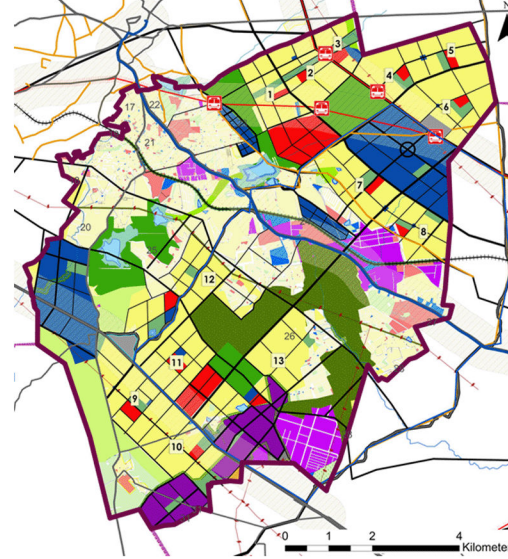
### NMT Infrastructure



### Public Open Spaces

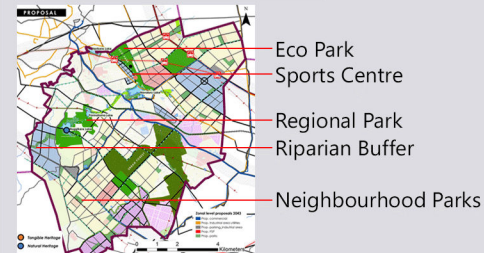


## ZONE 3

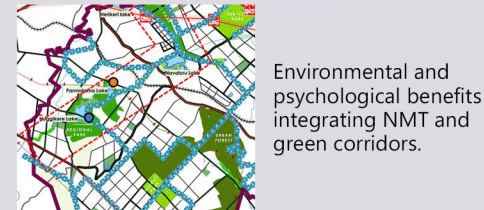


- Extension of Gamangatti Industrial Area
- Commercial Districts & IT Hub to promote skilled employment
- Urban Forest which will act as the central green lungs of the city.
- Nuggikere Hanuman Temple is present in the zone

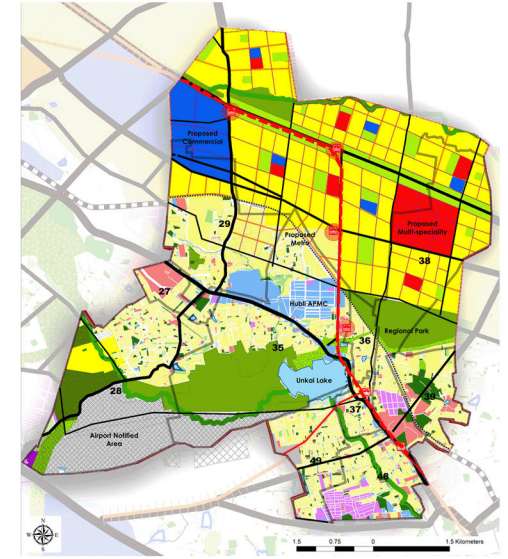
### Physical and Social Infrastructure



### NMT Corridor along Green Network

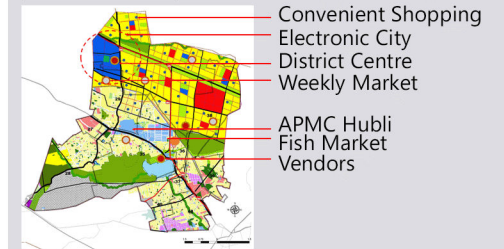


## ZONE 4

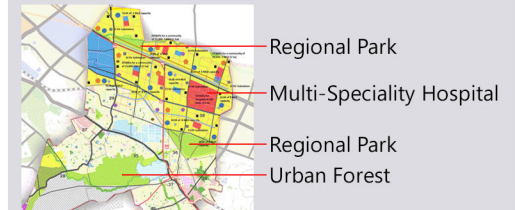


- Unkal Lake and Ulvi Chanabasaveshwar temple need to be conserved.
- Hubli APMC is situated within the zone
- Provision of a regional park as a significant open space within the city.
- Proposed commercial area, multi speciality hospital and metro line.

### Economic Profile



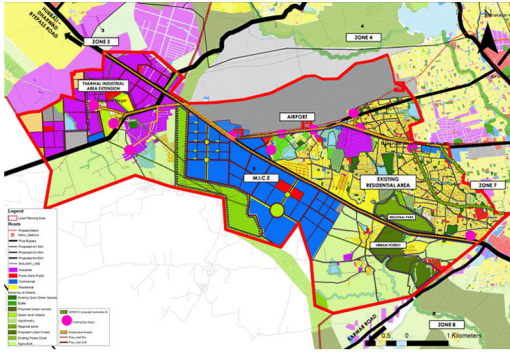
### Physical and Social Infrastructure





# Zonal Development Plan - Hubli Dharwad 2043

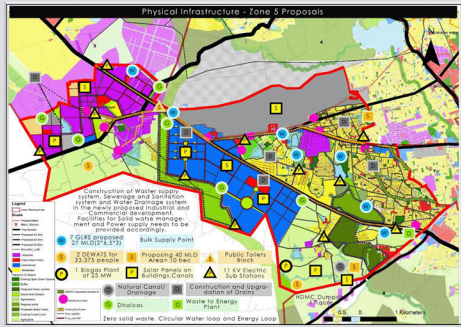
## ZONE 5



### Salient characters

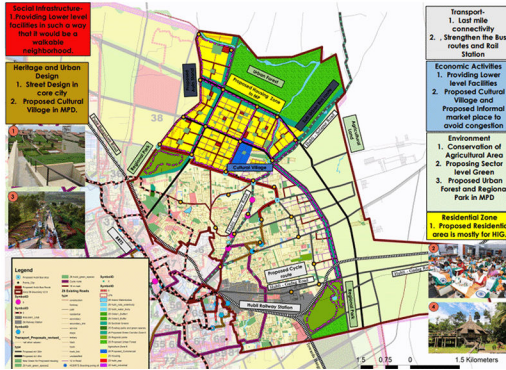
OVERVIEW OF ZONE 5	
Total Area of the zone	3771.5 Ha
Ward Numbers in the zone	30, 31, 32, 33, 34, 51, 53
Existing Population 2023	108293
Projected Population 2043	133505
Major Proposals (according to MP)	Tharihal Industrial Area Extension, M.I.C.E, Regional parks

### Physical Infrastructure Proposals

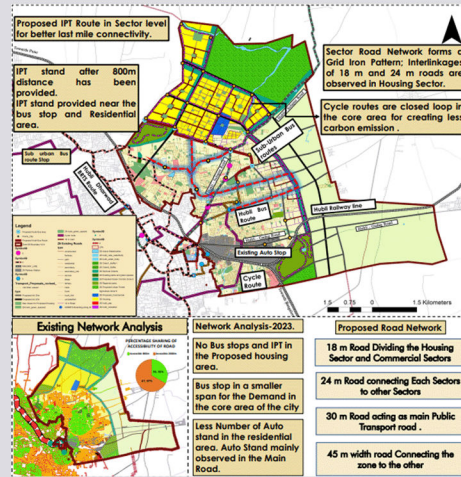


Parks and green corridors to boost social interaction and community engagement

## ZONE 6



### Transportation Proposals

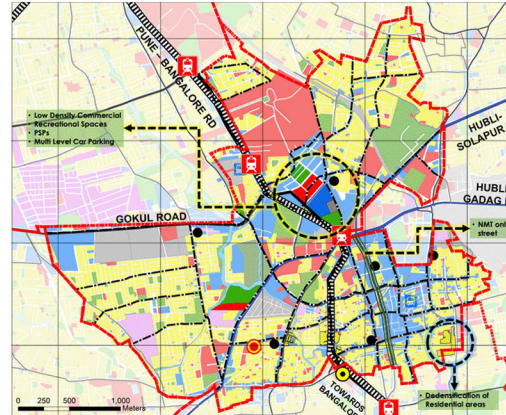


In zonal Sector for Green field Development Strictly Grid iron is followed. Closed Cycle loop is proposed in Zonal Level and Walking trail is proposed for make Hubli Dharwad as a Walkable City.

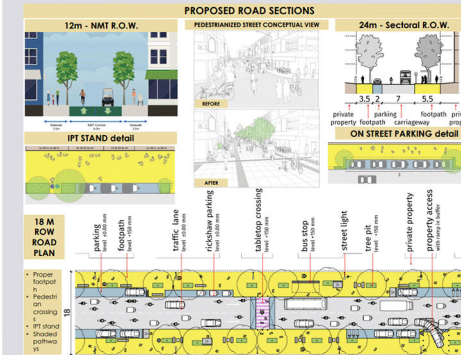
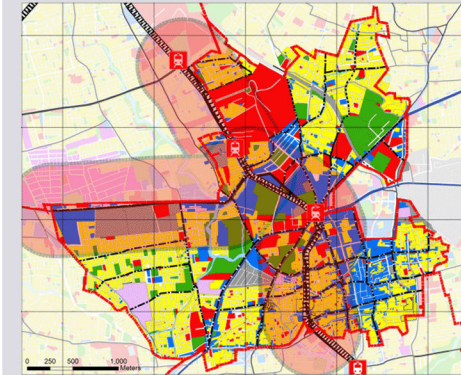
### Community Centre



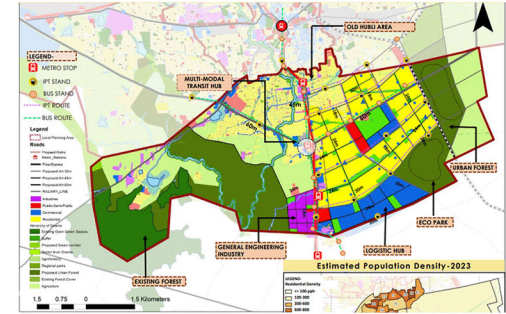
## ZONE 7



### Transportation Proposals



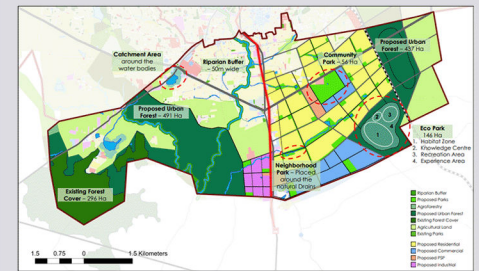
## ZONE 8



### SALIENT CHARACTERS OF ZONE-08

- Zone is located on Southern Part of the Hubli with NH-48 passing through the zone
- It consists of an Existing forest area, Multiple Water Bodies, and a major chunk of Agriculture Land. Further urban forest is proposed in order to prevent encroachments.
- A part of the Old Hubli area lies within this zone, which has High Density. Dedensification of core city is proposed
- As the Zone acts as a Gateway to the City via NH-48, proposals such as Logistic Hub, General Engineering industries are proposed to boost economy.

### Environmental Proposals



### URBAN DESIGN GUIDELINE FOR PROPOSALS

1. Min. Frontage Zone= 1m wide
2. Min. pedestrian zone= 2.5 m wide (4m from high intensity commercial zone)
3. Parking Dimensions= 5m x 2m (parking parallel to road is preferred, can also be used for parking of 2 wheeler Min furniture zone= 1.5m wide)
4. Max pedestrian footpath height= 150mm
5. Pedestrian crossing at interval of every 200m

1. Garbage cans should be placed every 300m.
  2. Public Toilets should be provided every 2km
  3. Design should be universally acceptable
- THE POCKET PARK :**
- Lesser in size but multifaceted in design, connects different communities sharing an urban space.
  - linkage gives the unique intimacy making the community and locally it houses itself in.
  - Given that the neighborhoods that these small areas are located in are more or less high-density, fast-moving urban zones, this very interactive draw people into using the space to pause and take time to think about the break.



# SEMESTER 03

## Assignment 1: Infrastructure Development Plan

### Introduction

The main objective of the study is to prepare an Infrastructure Development Plan for the city of Jabalpur in Madhya Pradesh. The Infrastructure Report would cover the detail plans for the following sectors:

1. Physical Infrastructure (water supply, drainage and sewerage, solid waste,)
2. Social / Economic Aspects (education, health, other municipal services)
3. Mobility and Transport
4. Environment and Disaster Management
5. Affordable Housing
6. Heritage and Tourism
7. Electricity and Telecommunication (Internet connectivity and broadband access)
8. Information and Digital Technology for Administration and Governance

**8 Sectors | 35 Students | 1 Plan**

#### EXPECTED OUTPUT:

An Infrastructure Development Plan including key issues and constraints in different sectors followed by analysis, projections and proposed financial recommendations.

# SEMESTER 03

## Assignment 2: Formulation of Detailed Project Reports (DPRs)

### Introduction

The Different Sectors will identify a problematic area and prepare a Detailed Project Report (DPR) for the city as a solution to the concerned area.

#### STUDY OBJECTIVE:

The objective of this studio exercise is to familiarise students with the process of planning for various types of innovative development projects within Jabalpur city

**8 Sectors | 35 Students | 8 DPRs**

#### EXPECTED OUTPUT:

Detailed Project Reports under different thematic areas outlining the following aspects:

1. Identification and justification of the Project
2. Formulation of project along with technical specifications and itemization
3. Phasing and costing
4. Implementation Mechanism
5. Appraisal of the project (financial, economic, environmental, etc.)



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**Summer Internship:**  
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**Tushita Sah**

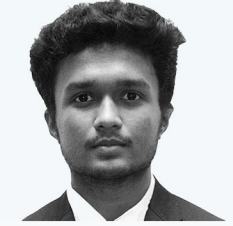
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**Vignesh S**

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🎓 : Nehru school of  
Architecture, Coimbatore

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**Work Experience :** 12 months



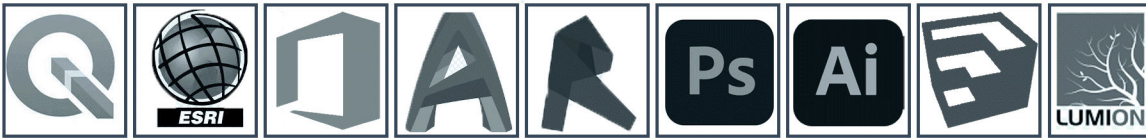
**33 Architects | 1 Planner | 1 Geographer  
29 GATE Qualified | 26 Experienced**



# WHY HIRE US?

1. The 2-year Master programme aspires to create professionals who are sensitized about the various facets of planning for human settlements and who have the required analytical skills needed for performing the assigned task related to planning and implementation.

2. Students evolve into professionals who are equipped with extensive knowledge into multiple facets of planning and latest technologies including Advanced Geographical Information System, Google Earth, Analytical Software's, Microsoft tools etc.



SECTORS WE FIT IN

 <b>CITY, METROPOLITAN &amp; REGIONAL PLANNING</b>	 <b>SUSTAINABLE PLANNING</b>	 <b>SPATIAL ANALYSIS</b>	 <b>INTEGRATED LANDUSE AND TRANSPORTATION</b>
 <b>RURAL DEVELOPMENT AND PLANNING</b>	 <b>DISASTER AND RISK MITIGATION</b>	 <b>URBAN REGENERATION</b>	 <b>PROJECT PLANNING &amp; MANAGEMENT</b>
 <b>HERITAGE &amp; TOURISM PLANNING</b>	 <b>HOUSING AND REAL ESTATE</b>	 <b>PROJECT VALUATION</b>	 <b>LEGISLATION &amp; DEVELOPMENT POLICIES</b>
 <b>ADVOCACY &amp; PUBLIC REFORMS</b>	 <b>CLIMATE RESILIENT PLANNING</b>	 <b>RESEARCH ANALYST</b>	 <b>GIS BASED MASTER PLANNING</b>

## PAST RECRUITERS







**Prof. Dr. Jatinder Kaur**  
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## PLACEMENT TEAM

### Graphics Team:



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Ashis



Vignesh



Saoni



Ghazia

### Content Team:



Shriya



Ritwik

### Social Media Team:



Smruti



Nikita

### Public Relations Team:



Pragati



Anuja

### Events Team:



Drishti



योजना एवं वास्तुकला विद्यालय दिल्ली  
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of parliament (Ministry of Education, Govt. of India)

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