

Himanshu Chandra

Master of Planning, SPA, New Delhi

AITP, MIUT, MNEGI

Assistant Director

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Present Position:

Assistant Director, Regional Center for Urban and Environmental Studies, Lucknow

Ministry of Housing & Urban Affairs, Government of India

Core Competency:

Mr. Himanshu Chandra has been with the Regional Centre for Urban & Environmental Studies Lucknow (RCUES) since 2013. Currently, he is working as Assistant Director in the Centre. As Urban and Regional Planner, he obtained his Masters from School of Planning and Architecture, New Delhi. He is registered Town Planner with Institute of Town Planner, India (ITPI) practicing as Urban Planning Professional with more than 15 years of infrastructure planning experience. He has worked on various planning projects like Dholera Navi Mumbai SEZ, Maha Mumbai SEZ, Mumbai Metro, besides formulating Twin city development plan, Development plan and Town Planning Schemes, City Development Plan, Development Plans, Mumbai Metro II, slum-free city planning under RAY, Preparation of Integrated Transportation System Plan, Conducting Traffic Survey, Network creation, Traffic Study and Transport Modelling, Feasibility Report and Project Development across various cities in India. His area of research is primary focus on Urban sustainability planning, Gender Inclusivity & Public transport mobility.

JOB PROFILE:

- **Research & Training provides to Urban Local Bodies Officials, Executive officers/ Municipal officers, Technical officers/Engineers of Class I ULBs /Parastatal agencies, Town Planners on Various components of SMART City, DAY-NULM), Housing for ALL, Contracts Management, Tendering etc**
 - Organized training programme on various aspects of Urban Management under Ministry of Urban of Housing & Urban Affairs, Other Ministries & State Governments.
 - Training provides to Urban Local Bodies Officials, Executive officers/ Municipal officers, Technical officers/Engineers of Class I ULBs /Parastatal agencies, Town Planners on Various components of AMRUT, Smart Cities Mission, Swachh Bharat Mission (SBM) National Urban Livelihood Mission (NULM), Rajiv Awas Yojana, National Building Organization, Climate Change, Gender budgeting etc
 - Organized exposure visits to Urban Local Bodies Officials, Executive officers/ Municipal officers, Technical officers/Engineers

Other Project Experience

Project name	Capacity building training programme on Solid waste management
Capacity building training programme	Water Audit, Water Accounting and Energy Audit of Rural Water Supply Schemes for Regional Schemes in Rural Areas for Har Ghar Jal
	Project Management & Financial Management for Regional Schemes in Rural Areas for Har Ghar Jal
	Participatory Planning, Implementation, Operation and Maintenance for Har Ghar Jal
Main project features	Citywide SWM Assessment and planning Process Planning and Technology selection for SWM technologies City Solid waste management plan
Activities Performed	Delivering lecture in capacity building programme of Integrated Municipal Solid Waste Management

Project name	Capacity building District Level Training programme on SEPTAGE & USED WATER MANAGEMENT
Contracting entity/ client	Directorate of Urban Local Bodies Uttar Pradesh
Project Location/ country	Various cities of Uttar Pradesh
Position held	Sanitation & FSM Expert
Expert months provided	12 months
Main project features	Citywide FSSM Assessment and planning Process Planning and Technology selection for FSSM Planning for Septic tank emptying services City Sanitation plan
Activities Performed	Delivering lecture in capacity building programme of Sanitation

Project name	Capacity building District Level Orientation Training programme for Consulting Engineers
Contracting entity/ client	Dept of Panchayati Raj Government of Uttar Pradesh
Main project features	Schemes focus of SBM gramian phase -2 (ODF plus) Soke Pit , Liche Pit, vermi composting, Nadep Resource recovery centre(RRC centre) Plastic waste technologies Bio Gas plant
Activities Performed	Delivering lecture in capacity building programme of SBM SWM -expert rural

Project name	A Study on Third Party Reform Implementation Assessment Under AMRUT in Sikkim and West Bengal
Contracting entity/ client	National Institute of Urban Affairs (NIUA), New Delhi
Project Location/ country	Gangtok, Darjeeling, Jalpaiguri, Jangipur and Raiganj
Position held	Course Coordinator
Expert months provided	3 months
Main project features	Visited study area and Followup with the Department of Urban Administration and Development, Govt. of Madhya Pradesh
Activities Performed	Data Collection, Assessment of Reforms and Report Writing

Project name	Exposure Visit to Ayodhya Faizabad Municipal Corporation with Chhattisgarh Urban Local bodies officials
Contracting entity/ client	Urban Department Government of Chhattisgarh (NULM)
Project Location/ country	Ayodhya Faizabad Municipal Corporation, UP
Position held	Course Coordinator
Expert months provided	3 months
Main project features	Nomination of Officials and Elected Representatives, Follow up with the Officials, Best practices under AMRUT
Activities Performed	Coordination, and organizing Exposure Visit

Project name	Transaction advisory for Credit Rating of UP Housing & Development Board, Government Of Uttar Pradesh.
Contracting entity/ client	UP Housing & Development Board, Government Of Uttar Pradesh
Position held	Coordinator
Expert months provided	3 months
Main project features	Transaction advisory for Credit Rating
Activities Performed	Bid process management

Project Name: Dholera Town Planning Scheme-1 & 2

Client: Dholera Special Investment Region Development Authority, Gujarat

Project Description and Scope: Prepare a Town planning scheme for DSIRDA for area approx 5000 and 9000 hectare.

Nature of Experience of Works Handled:

- Preparation of Base maps including plot numbers, areas, Development Plan proposals, Physical Infrastructure, existing land use etc on GIS platforms.
 - Preparation of Geo-database of Land records in GIS for Final Plot and Original Plot calculation.
 - Preparation of GIS data base of various layers for Detailed Micro Planning.
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Project Name: Twin City Development Strategy for Bharuch - Ankleshwar

Client: Gujarat Infrastructure Development Board, Gujarat

Project Description and Scope: To prepare Twin city Development Strategy for Ankleshwar – Bharuch for Integrated Growth Management Plan, Infrastructure Investment plan, financial and operating plan, Institutional and legal management/Reform plan and marketing plan.

Nature of Experience of Works Handled:

- Preparation of Base maps of existing and proposed, areas, Development Plan proposals, Physical Infrastructure, existing land use etc on GIS platforms.
 - Traffic survey analysis and preparation of Twin City transport network plan.
 - To prepare a rapid assessment, primary investigations, and visionary strategies including SWOT analysis to formulate the integrated growth management plan, institutional & legal management/reform plan and marketing plan.
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Project Name: City Development Plan for Seven cities of Ujjain and Jabhua District, Madhya Pradesh

Client: Urban Administration & Development, Madhya Pradesh

Project Description and Scope: To prepare City Development Plan (CDP) which will be linked into the overall spatial planning & policy framework of Master Plan and more importantly into the annual municipal budgeting and linking the investment plan of the CDP with the municipal budgets which will be ensuring the O&M and thus sustainability of the infrastructure assets created.

Project Name: Draft Town Planning Scheme – 7 & 8

Client: Gujarat Petroleum, Chemicals and Petrochemicals Special Investment Regional Development Authority (GPCPSIRDA), Bharuch, Gujarat

Project Description and Scope: Prepare a Town planning scheme for GPCPSIRDA

Nature of Experience of Works Handled:

- Preparation of Base maps including plot numbers, areas, Development Plan proposals, Physical Infrastructure, existing land use etc on GIS platforms.
 - Preparation of Area Statement of Town Planning Scheme 7 & 8.
 - Preparation of Geo-database of Land records in GIS for F.P and O.P. calculation.
 - Preparation of GIS data base of various layers for Detailed Micro Planning.
 - Under Take Physical Survey of Town Planning Scheme 7 & 8.
 - Prepare Conceptual Plan of Town Planning Scheme 7 & 8.
 - Prepare Draft Town Planning Scheme for Owners Meeting of Town Planning Scheme .
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Project Name: Kota Slum Free City under Rajiv Awas Yojana(RAY)

Client: Urban Improvement Trust, Kota, Rajasthan

Project Description and Scope: Preparation of Slum Free City Plan under Rajiv Awas Yojana Guidelines and Pilot DPR of 1200 dwelling units for identified Slums pockets.

Project Name: City Development Plan for Umaria ,Dhanpuri,Sabhalgarh Madhya Pradesh

Client: Urban Administration & Development, Madhya Pradesh

Project Description and Scope: To prepare City Development Plan (CDP) which will be linked into the overall spatial planning & policy framework of Master Plan and more importantly into the annual municipal budgeting and linking the investment plan of the CDP with the municipal budgets which will be ensuring the O&M and thus sustainability of the infrastructure assets created.

Nature of Experience of Works Handled:

- To prepare City Development Plan (CDP) which will be linked into the overall spatial planning & policy framework of Master Plan and more importantly into the annual municipal budgeting.
 - Linking the investment plan of the CDP with the municipal budgets which will be ensuring the O&M and thus sustainability of the infrastructure assets created.
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Project Name: Redevelopment Plan / Schemes for the ‘Special Area’ of Delhi delineated as per MPD – 2021

Client: Municipal Corporation of Delhi

Project Description and Scope: Socio –economic Survey and Preparation of Base Map, Inception report, preliminary study/ Findings/Analysis, Consultation with the RWA’s.

Nature of Experience of Works Handled:

- Preparation of Geo data base for special area for Delhi as per MPD-2021
 - Preparation of Landuse base map in GIS platform
 - Guide in Conducting primary survey for landuse ,heritage properties etc data collection
 - Socio –economic Survey and Preparation of Base Map, Inception report detailing preliminary study/ Findings/Analysis, Consultation with the RWA’s.
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Project Name: Transportation Plan of Eastern MMR for Navi Mumbai SEZ

Duration: March, 2008 – April,2009

Project Description and Scope: Preparation of Integrated Transportation System Plan for Eastern MMR i.e. (Navi Mumbai, Panvel, Pen, Karjat, Khapoli & Alibagh Regions of MMR). Scope included Traffic Survey, Network creation, Survey & Investigation, Traffic Study and Transport Modelling, Feasibility Report and Project Development.

Nature of Experience of Works Handled:

- Preparation of Integrated Transportation System Plan for Eastern MMR i.e. (Navi Mumbai, Panvel, Pen, Karjat, Khapoli & Alibagh Regions of MMR).
 - Conducting Traffic Survey, Network creation, Survey & Investigation, Traffic Study and Transport Modelling, Feasibility Report and Project Development.
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Project Name: Metro Trans harbour Link for MSEZ external connectivity

Client: Mumbai Metropolitan Development Authority, MMRDA, India

Duration: July, 2007 – November, 2008

Project Description and Scope: A 48.5 km long Metro corridor with 16 stations. Scope included preparation of Detailed Project Report and Preliminary layout design for Commercial space, Station Design and Socio -Economic Analysis.

Nature of Experience of Works Handled:

- Traffic modelling for proposed station.
 - Transportation modelling assignment for entire corridor.
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Project Name: Maha Mumbai Special Economic Zone

Duration: July, 2007 – February, 2008

Project Description and Scope: Preparation of conceptual Master plan, Research study on physical character for development of MSEZ .

Nature of Experience of Works Handled:

- Preparation of Master plan, Research study on physical character for development of MSEZ.
- GIS integration of various departments for real time monitoring of SEZ.

- GIS-Primavera integration

Project Name: Charkop-Bandra-Mankhurd Metro Corridor (MetroII)

Clients: Mumbai Metropolitan Development Authority, MMRDA, India

Duration: May, 2007

Project Description and Scope: The project is being implemented by MMRDA on a BOT basis. Involved in the Concept planning and design of the metro stations and costing of station buildings.

Nature of Experience of Works Handled:

- Involved in the Concept planning and design of the metro stations and costing of station buildings.
 - Traffic modeling for proposed station
 - Transportation modelling assignment for entire corridor.
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Project Name: Mumbai Trans Harbour Link (THL)

Clients: Maharashtra State Road Development Corporation Ltd, MSRDC, India

Duration: July 2006 – May 2007

Project Description and Scope: The project is being implemented by MSRDC on a BOT basis. As a project is 22K.M. Sea Bridge connecting Mumbai Island to Navi Mumbai mainland Involved in the Concept planning of Construction Yard, Toll Plaza, Disaster Management center, Geo-data base for real time of Traffic monitoring.

Nature of Experience of Works Handled:

- The project is being implemented by MSRDC on a BOT basis. As a project is 22K.M. Sea Bridge connecting Mumbai Island to Navi Mumbai mainland Involved in the Concept planning of Construction Yard, Toll Plaza, Disaster Management center Geo-data base for real time of Traffic monitoring.
 - Preparation of GIS data base for project monitoring.
 - Real time traffic monitoring GPS system for disaster management and Toll collection
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Academic Qualification

- Master of Planning with specialisation in Regional Planning, 2006, from School of Planning and Architecture, New Delhi, India;
- Master of Arts (Geography), 2004, from Jamia Mallia Islamia, New Delhi. India
- Bachelors of Arts (Geography-Hons), 2002 from Delhi University. India

Certificate Course:

- I. Online course on **Urban Lake Management** Centre for Science and Environment (CSE), New Delhi 2020
- II. Online course on **City-Wide Sanitation Planning** Centre for Science and Environment (CSE), New Delhi 2020
- III. Online Course on **Faecal Sludge Management**" Centre for Science and Environment (CSE), New Delhi in collaboration with UNESCO-IHE,2016
- IV. Online Course on **Housing Policy and Planning from IIT, Roorkee** under NPTEL online Certification programme,2017
- V. **Risk Sensitive Land Use Planning**, from NIDM & World Bank Institute,2010
- VI. **Safe Cities** from National Institute of Disaster Management & World Bank Institute,2010
- VII. **Comprehensive Natural Disaster Risk Management** from NIDM, World Bank Institute,2010
- VIII. Training Leaders Programme in **Urban Transport Planning & Low Carbon Mobility** at Singapore and Seoul by Institute of Urban Transport & World Bank,2018
- IX. Training Programme on“ **Water Sensitive Urban Design and Planning (WSUDP)**” by CES New Delhi,2017
- X. Training on Technology Transfer for **Wastewater Treatment and Reuse** in India by Tokyo Engineering Co .Ltd. Organised (JICA) Under International Corporation Programme of the Government of Japan,2014

- XI. **GIS Software Training on Arc GIS 9.3.1** from ESRI,India,2010
- XII. Training on **Railway Planning & Engineering** from Railway Staff College, Vadadora,2007
- XIII. Training on Application of **Remote Sensing and GIS in Urban and Regional Planning** from Indian Institute of Remote Sensing,(IIRS, Deheradun),2005
- XIV. Training on **Remote Sensing & Digital Image Processing** from RRSC (ISRO), Cazri Campus, Jodhpur,2002

Academic Research Projects

- Master's Thesis: Water Resource Management for the development of Lucknow District (Uttar Pradesh)
- Planning Strategies for Pune Metropolitan Region, (Group Project-Semester III)
- Regional Development Strategy for Guwahati Region-2021, (Group Project-Semester II)
- Study Of Settlement Structure For Halwani (Nainital), (Group Project-Semester I)
- Project: Vacant Land Inventory in Deheradun for Future urban development in the city.

Work Experience

1. Assistant Director , Regional Center for Urban and Environmental Studies, Lucknow Under the aegis of Ministry of Housing & Urban Affairs , Government of India November2013-Till Date
2. Senior Urban Planner, Design Point Consult Pvt. Ltd, Surat, Gujarat June 2010 to November 2013.
3. Urban Planner, Rudhrabhishek Enterprises Pvt. Ltd,(REPL) New Delhi November 2009 to April 2010
4. Planning Consultant, UTTIPEC, Delhi Development Authority New Delhi, April 2009 - October 2009
5. Manager, Planning Division, Urban Transport Infrastructure Pvt. Ltd. (NMSEZ), Reliance Industries Limited Group Company, Navi Mumbai July 2006 – April 2009

Trainings

1. Leaders Programme in **Urban Transport Planning & Low Carbon Mobility at Singapore and Seoul by Institute of Urban Transport & World Bank**
2. Training Programme on“ Water Sensitive Urban Design and Planning (WSUDP)” by CES New Delhi
3. Training on Technology Transfer for Wastewater Treatment and Reuse in India by **Tokyo Engineering Co .Ltd.** Organised (JICA) Under International Corporation Programme of the Government of Japan.
4. GIS Software Training on Arc GIS 9.3.1 from ESRI,India
5. Training on **Railway Planning & Engineering from Railway Staff College, Vadadora**
6. Training on Application of Remote Sensing and GIS in Urban and Regional Planning from Indian Institute of Remote Sensing,(IIRS, Deheradun)
7. Training on Remote Sensing & Digital Image Processing from RRSC (ISRO), Cazri Campus, Jodhpur

Affiliation : **Associate Member, Indian Institute of Town Planners, India (ITPI)**
Member, Institute of Urban Transport, India (IUT)
Member, National Association of Geographers, India (NEGI)

Personal Details

Date of Birth : November 4th 1981
Sex : Male
Language Proficiency: English, Hindi
Nationality : Indian
