

SHIVAM ARORA

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Career Objective

To pursue an executive position in an organization where my continued professional growth would be encouraged and where challenging assignments can groom me for good position in a short time.

Professional Experience

From: 30 May 2016 to till date

Employer : Urban Development Directorate, Dehradun

Position : Urban Planner (Team Leader) at Nagar Nigam, Kashipur

Key Responsibilities

- Overall coordination, project management, and technical support for UD department and State level Steering Committee
- Provide technical and handholding support to cities for the preparation of CB plan, its implementation and monitoring
- Provide technical and handholding support to cities for the preparation of Integrated City plan and business cum financial plan
- Provide technical and handholding support to cities in the preparation of integrated city plans, undertaking city planning survey etc.
- Any other related activities as decided by the State Steering Committee and the Secretary, UD department
- Preparation of Services Level Improvement Plan (SLIP).
- Assist in preparation of Smart City Proposal(SCP) for Smart Cities selection competition
- Implementation of reform agenda focusing on outcomes.
- Enabling Coaching and mentoring as set out in AMRUT Guidelines.
- Coordination for Individual Capacity Building programmes of the ULB conducted by training institution.
- Monitoring, for example., eternal monitoring report by IRMA (quarterly), reform implementation appraisal report by IRMA (half yearly), Quarterly Score Card by cities for HPSC (AMRUT/SCM).
- Preparation of ULB level IEC material, viz, e-newsletters, brochures, etc.
- Maintenance and up-gradation of multi-layer-GIS maps.
- Revision of ULB policies for implementing AMRUT reforms agenda.
- Promote the use of online instruction programmes for ULB functionaries.

From : 06 June 2011 to 28 June 2013 & 13 Nov 2013 to 19 July 2014

Employer : Shweta Technophile Consultants Pvt Ltd

Position : Planner

Key Responsibilities

- Supervising the team for conducting traffic and transportation surveys and studies. Responsible for Traffic Analysis & Traffic projections
- Preparation of plan and profiles, strip plans, key plans, GAD's of culvert, Cross sections.
- Analyzing alternative road alignment option with the help of Digital data.
- Preparation of BOQ(Bill of Quantities) and Cost Estimate for project roads
- Road Safety Audit reports for under Construction National Highways
- Attending the meetings with officials of Government/ Semi- Government or Private Organizations.
- Responsible for making reports, presentation and drawings of projects.

Projects Participation

Detail Engineering Projects

- Consultancy Services For Preparation of DPR For Rural Roads Improvement Program In The State of Bihar Under PMGSY Client : BRRDA
- Preparation of Detailed Engineering Project Report for Two Lane Road from Kaletwa to Zorinpui (India - Myanmar Border) in Chin State of Myanmar. Client : IRCONISL
- Preparation of Detailed Engineering Project Report for Two Lane Road from Paletwa to Setpyitpyin (Kaletwa) in Chin State of Myanmar. Client : IRCONISL
- Engineering Consultancy Services for 4/6 Laning of Varanasi- Shaktinagar road project from Km 0.000 to Km 117.65 of SH-05A in Uttar Pradesh on DBFOT basis. Client : ACP Tollways Pvt Ltd
- Engineering Consultancy Services for 2 Laning with paved shoulders for Morbi – Navlakhi Road, SH-24 (From km. 67.000 to km. 108.000) & Maliya – Pipaliya Road, SH-6 (From km. 0.000 to km. 24.000) Package – 2 under State Highway Development Project on DBFOT - Annuity basis. Client: Backbone Enterprise Ltd.
- Post-bid Advisory Services for Chenani to Nashri (NH-1A) in the state of Jammu &Kashmir. Client: Leighton Contractors India Pvt. Ltd.

Feasibility Studies

- Consultancy services for preparation of feasibility report for construction of bridges including approaches on Tamu – Kyigone - Kalewa road section from km 0.00 to km 149.7 in Myanmar Client : IRCONISL
- Consultancy Services for Selection of alignment in connection with Construction of New BG Electrified Double line in the State of Chhattisgarh from Bhupdeopur/Kharsia- Gharghoda- Dharamjaygarh. Client : IRCON
- Feasibility Study of bypasses for Farukhnagar, Dhankot, Chandu Towns on SH-15A in the state of Haryana. Client : Reliance Haryana SEZ Limited

Road Safety Audit Projects

- Safety Consultant for four laning of Nagpur-Wainganga Bridge Section of NH-6 from km 498.000 to km 544.200 in the state of Maharashtra on Design, Build, Finance, Operate & Transfer (DBFOT) Basis. Client : NHAI
- Safety Consultant for four laning of Ranchi-Rargaon-Jamshedpur Section from km 114.000 to km 277.500 of NH-33 in the state of Jharkhand on DBFOT Annuity basis under NHDP-III. Client : NHAI

Pre Bid Projects

- Pre-Bid Engineering Services for dedicated bypass for Ludhiana on western side between NH-95 (Ferozpur Road) to NH-1 (Jalandhar Road) together with operation and maintenance of 4-Lane (Partial Access Controlled) Southern Bypass Ludhiana(linking Doraha on NH-1 to junction on Ludhiana-Ferozepur Road (NH-95) Road Section in the State of Punjab. Client : ITNL
- Pre-Bid Engineering Services for Four Laning with paved shoulder of from Ropar-Nawanshahar-Banga-Phagwara Roads Section in the State of Punjab. Client : ITNL
- Pre- Bid Engineering Services for Up-gradation of Raebareli – Banda section of NH232 and Tanda-RaeBareli section of NH 232 and NH-330 to 2- Lane Paved shoulders. Client : APCO Infratech Ltd
- Pre- Bid Services for Development of Eastern Peripheral Expressway from Km 0.00 to Km135 in the state of Haryana and Uttar Pradesh on DBFOT basis. Client : ITNL
- Pre- Bid Engineering Services for Six Laning of Chandikhole-Paradeep Section of NH-5A (from Km 0.000 to Km 76.618) in the State of Orissa to be executed as BOT (Toll) on DBFOT Pattern under NHDP Phase V. Client : ITNL
- Pre- Bid Engineering Services for Four laning of Patiala-Sangrur -Barnala-Bathinda section of NH-64 from Km.50.000 to Km. 209.500 in the State of Punjab through Public Private Partnership on Design, Build, Finance, Operate and Transfer (DBFOT) Basis. Client : ITNL
- Pre- Bid Engineering Services for Development and Operation of Bikaner-Suratgarh section of NH -15 (Km 553/869 of NH-11 to Km 173/000 of NH-15 via Km 10/630 of NH -15) in the state of Rajasthan. Client : ITNL
- Pre-bid Advisory Services for Agra to Etawah (NH 02) in the state of Uttar Pradesh. Client : ITNL

From : August 2013 to Nov 2013

Employer : Urban Mass Transit Company Ltd

Position : Consultant

Key Responsibilities

- Responsible for making DPR (Detailed project Report)
- Attending the meetings with officials of Government/ Semi- Government.

Projects Participation

- Preparation of Detailed Project Report for Financial Assistance under MoUD Scheme for purchase of Buses under JNNURM scheme in the state of Himachal Pradesh.

Technical Skills

Operating System - Windows XP, Windows Vista, Windows 7, Windows 8 & 10

Software Applications - Sound knowledge of Auto CAD, Arc GIS, Auto Plotter, Global Mapper, Google Sketch Up, MS-Office Applications (Ms-Word, Excel, PowerPoint and Outlook), Cube and Vissim

Significant Skills

⇒ Smart working, decisive, sincere and motivated with a desire to excel.

⇒ Ability to work independently as well as cohesively with a team towards the overall achievement of goals.

Academic Credentials

- **Master in Transport Planning** from School of Planning and Architecture, New Delhi (2014-2016)
- **B.Tech (Urban and Regional Planning)** from Guru Nanak Dev University, Amritsar, Punjab, India in the session (2007-2011)
- Awarded with certificate from World bank institute on '**Cities and Climate change Leadership**'

Achievements & Trainings

- Awarded with **Merit certificate** for securing **Second position** in the B.Tech (URP)
- Orientation training programme on **AMRUT Cities** at SIUT, ATI, Mysore
- Awarded with certificate for '**Advance GIS & its application in planning**' at SPA, Delhi
- Workshop attended on "**Road Safety Audit for National Highway**" at Nagpur
- Bagged first prize on "**On the Spot, Dhamaka** and Third prize in Competition "**Finding Solution**" on NOSPLAN in 2008 and 2010.

Internship

1. Worked as trainee in “**ICRA Management Consulting Services Limited (IMaCS), Noida**” (01 June 2015 to 15 July 2015)

Key Responsibilities

- Audit of Black Spot identified in the state of Punjab
- Making of Audit Report, Drawing, BOQ and Cost Estimates

Project Participation

- PRBDB - Road Safety Audit of Black spots in Punjab

2. Worked as trainee in “**DISTRICT TOWN PLANNING OFFICE, AMRITSAR**”

Key Responsibilities

- Revaluating the local planning areas of towns/city, those master plans are under preparatory stage.
- Checking the layout of Residential site by taking into the consideration of master plan proposals, building bye laws and zoning regulations.
- Make a layout plan of commercial site which includes shops, shops cum office, multiplex and parking area along with detailed report.

Academic Projects

Master in Transport planning – Studio Exercises

Sr. No.	Studio Exercise	Work Schedule
1	Area appreciation and site planning – Mayapuri (West Delhi)	<ul style="list-style-type: none">• Appreciation of an area in terms of land and building use, the population and its characteristics residing in it/using it, the linkages & accessibility, and the overall quality of life.• Site plan in term of Landuse, Circulation, Landscape, Utility and Services.
2	Outline Development Plan, Chittorgarh	<ul style="list-style-type: none">• An assessment of the current status of development, issues, prospects and priorities for the urban centre, and proposals to develop it.
3	Comprehensive Transport plan, Gwalior	<ul style="list-style-type: none">• It involve field data collection on road networks, traffic and travel studies including household surveys, public transport studies, parking and terminal studies, etc.• Besides secondary data collection, data collected would be analyzed to assess the existing characteristics and identify various problems and issues.• Travel demand models would be developed for the base year and travel demand forecasts• Transport plan and proposals would be formulated.

4	Economic Evaluation of BRT Corridor in New Delhi	<ul style="list-style-type: none"> • Assessment of benchmark for BRTS corridors. • Appreciating the planning of BRTS corridors. • Appreciating the BRTS corridor on economic and financial parameters. • Assessing the road and its infrastructure for BRTS. • Assessing the performance parameters of BRTS. • Proposing the Concept Design • Proposing the Economic and Financial Model of Selected Corridor
5	Traffic Management Plan – Lajpat Nagar	<ul style="list-style-type: none"> • Analysis of present Traffic conditions in Lajpat Nagar • Identifying the traffic flow pattern within the Study area boundary. • Selection of appropriate traffic management measures to resolve Traffic problems • Evaluation of alternative scenarios.
6	Thesis - Transport Mobility Plan for Tourist in Religious City, Amritsar	<ul style="list-style-type: none"> • To identify the tourist spots and infrastructure facilities in Amritsar • To understand the parameters influencing the travel behavior and appreciate the travel pattern • To assess the gaps and requirements of transport infrastructure in tourist attraction points. • To assess the present and future demand of tourist visiting Amritsar • To create a efficient and economic tourist circuit optimizing the travel time.

B.Tech (Urban and Regional Planning) – Studio Exercises

Sr. No.	Studio Exercise	Work Schedule
1	Survey of Locality of Walled city, Amritsar	<ul style="list-style-type: none"> • Study the land use types, activities, boundaries of the area, circulation, Open spaces, drainage, building types, architectural features and Socio - economic character of the area. • To identify the planning issues, problems and potentials of the area. Make Report and Maps.
2	Planning and design of residential area (Neighbourhood and cluster planning)	<ul style="list-style-type: none"> • Identify the site constraints and development potentials in and around the site and norms and standards prevailing in the site. • Planning projections and to identify the requirements of the area • Planning and design of land use, Circulation, Utilities and Landscape plans
3	Planning and design of Non-residential area (Central university- Amritsar)	<ul style="list-style-type: none"> • Identify the site constraints and development potentials in and around the site and norms and standards prevailing in the site. • Identify the activities and prepare a flow chart showing the relationship among various activities as strong, moderate and feeble relations. • Planning and design of land use, Circulation, Utilities and Landscape plans

4	Preparation of City Development plan, Amritsar	<ul style="list-style-type: none"> Identify, Collect and Analyse the Data of various aspects. Accordingly, Problem, Potential and Constraints derived out. Framing of specific objective and planning considerations. Working out population projection and work force. Preparation of City Development Plan and identification of different functional zones along with the special zones. Also giving the plan implementation strategies.
5	Preparation of Zonal plan of City, Amritsar	<ul style="list-style-type: none"> Framing of objectives and planning considerations Projected Requirements & application of norms and standard Details of Density zoning, land use zoning, height zoning and Identification of special areas Formulation of Zoning Regulations and different Bye laws with reference to Model Zoning Clauses & Enabling Regulations and National Building Code.
6	Regional Plan of a District	<ul style="list-style-type: none"> To study the data required for region delineation, region types, to identify central or nodal functions of the specific parts etc. Identification of Problems and Potentials of the region Projected Requirements & application of norms and standard Detailed proposed land utilization plan of the area. Proposed settlement pattern and hierarchy, use of resources, regional network, proposed infrastructure and strategy for development.
7	Preparation of a Village Plan	<ul style="list-style-type: none"> To prepare a detailed list of the components of study of the village. To understand the character of basic/focal village or urban village Identifying Issues and Challenges that needs solutions and Plans. Proposed Plan of the village and Plan implementation Strategy (Role and functions of village bodies in the light of 73rd amendment)
8	Preparation of a Urban Development Project (Bus Terminal)	<ul style="list-style-type: none"> Identifications of the requirements Preparation of activity relationship chart (use of PERT / CPM techniques) Detailed proposals of the project Identifications of cost variables/area/aspects. Preparing the detailed cost benefit analysis Proposed project management and development strategy. Resource mobilization strategy and proposed administrative systems.

9	Planning Project – Planning and Design of Entertainment District, Greater Noida	<ul style="list-style-type: none"> • Conduct survey and studies, analyze the data, work out alternative plans and design considerations • Workout detailed assumptions, considerations and theoretical perception of the plan and design of the study area. • Plan Proposals of landuse plan, circulation plan, utilities and landscape plan along with urban design concepts and considerations • Calculate cost estimate of entire project • Detailed project report along with Drawings, maps, Sketch and Photographs.
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Personal Details

Name : Shivam Arora
 Father's Name : Rakesh Arora
 Sex : Male
 Date of birth : 27th Dec, 1989
 Marital status : Unmarried
 Nationality : Indian
 Hobbies : Playing cricket, Gaming, listening music and Reading Books
 Permanent address : 906, Gali Devi Wali, Jaura Pipal, Amritsar – 143001

Declaration

I hereby declare that the above-mentioned information is correct to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: KASHIPUR

Date: 09.09.2016

(SHIVAM ARORA)