

Proposed Position : **Urban and Regional Planner**
Name of Firm : Parsons Brinckerhoff India Pvt. Ltd
Name of Staff : **Vaibhav Gupta**
Date of Birth : 31st August 1983
Nationality : **Indian**
Education :

- Master's degree in Urban and Rural Planning (MURP), Indian Institute of Technology, Roorkee (IITR), 2007- '09
- Bachelor's degree in Architecture (B.Arch), Visvesvaraiya National Institute of Technology (VNIT), Nagpur, 2002- '07
- IACT Global Certificate in Program and Project Management, IIT Kanpur

Membership in Professional Organizations :

- Lifetime Associate Member of Institute of Town Planners India (ITPI) Delhi and Uttar Pradesh Chapter – Ref. No. 2011- 48
- Lifetime Member of Council of Architecture, India- CA/2007/41264

Training & Publications :

- Published Concept paper “Application of Systems Dynamics in Management of Real Estate Industry” and presented paper at the national conference on Systems thinking and Systems Approach at IT-BHU, Varanasi. Journal 2008
- Published and Presented “Planning for Special Economic Zones- A Regional Perspective” in ITPI Journal 8-2, 53-58, April- June 2011

Languages	:		Speak	Read	Write
		English	Excellent	Excellent	Excellent
		Hindi	Excellent	Excellent	Excellent

Employment Record **Approximately 7 years of experience after graduation.**

From: June 2012 : To: Till Date
Employer : M/s Parsons Brinckerhoff India Pvt Ltd, Corporate Office, New Delhi
Position Held : Urban Planner (Architect)

From: March 2011 : To: May 2012
Employer : M/s NF Infratech Services Pvt. Ltd., New Delhi
Position Held : Senior Urban Planner

From: June 2010 : To: February 2011
Employer : Unified Traffic and Transportation Infrastructure Planning and Engineering Centre (UTTIPEC), Delhi Development Authority
Position Held : Urban Planning Consultant and Architect

From: June 2009 : To: May 2010
Employer : M/s Dar Al Handasah (Shair and Partner), Pune
Position Held : Architect/ Urban Planner

From: May 2008 : **To: July 2008**
Employer : SK Das Associates
Position Held : Urban Planning Trainee

From: May 2006 : **To: December 2006**
Employer : M/s ARCOP Associates India Pvt. Ltd.
Position Held : Trainee Architect

Detailed Tasks Assigned

1. Assessment of Demographic and socio-economic characteristics in various cities and towns
2. Mapping of existing town features and landuse pattern using DGPS surveys and Total station surveys
3. Preparation of maps for Urban and regional studies on GIS and ACAD operating platforms
4. Preparation of Methodology for detailed assessment of existing town growth patterns to formulate Strategic planning documents such as Master Plans, Development Plans and identification of development projects for socially weaker sections.
5. Interaction and coordination with Government stakeholders at town, block, district and state administrative levels for assessment of government aspirations for future development activities as well as presenting project progress reviews
6. Preparation of Inception Reports, demographic projections, Infrastructure Gap identifications, mitigate measures, Concept Master Plan & options, Site assessment and Viability Studies, Recommendation of cost effective concept and preparation of Land use schemes for small and medium towns to large industrial townships.
7. Infrastructure development cost assessment and broad cost estimates.

Focus Area

1. Strategic Planning- Master Plan Documents
2. Site Assessment and Viability Studies
3. Urban Transit Systems and Urban Transport Planning
4. Geometric Design – Urban & Rural
5. Policy framework for integrated Urban Planning
6. Spatial Planning- Landuse plans
7. Program & Project Management
8. Architecture & Interior Design

Software Skills

AutoCad,
 ArcGIS,
 Adobe Suite (Photoshop, Indesign, Illustrator),
 CorelDraw,
 MS Office Suite,
 Google Sketchup

I seek challenging assignments in the field of Urban Planning/ International Development to leverage experience and expertise with an organization of repute.

I have acumen to derive solutions on diverse problems and ability to assess target oriented program and project management. I possess keen observational and analytical capabilities along with ability to work individually and in a team. I have acquired good knowledge on large scale Government projects for community and economic development.

Work Undertaken that best illustrates capability to handle the tasks assigned

Project Name:	Consultancy services for Preparation of Development Plan for Jodhpur Pali Marwar Industrial Area, in Rajasthan subregion of DMIC
Year:	2012 – on going
Location:	Parsons Brinckerhoff India Pvt. Ltd., New Delhi
Client:	Delhi Mumbai Industrial Corridor Development Corporation (DMICDC)
Position Held:	Urban Planner/ Architect
Main Project Features	<p>The project is funded by Japanese and Indian Governments. The project is one of the several new Industrial Townships proposed along the DMIC corridor which is a 150 km influence zone on either side of the Dedicated Freight Corridor (DFC) from Delhi to Mumbai. Project involves high level of coordination with inter disciplinary experts and Government stakeholders at Union, State, District and Block levels.</p> <p>Scope of work includes identification of site options for preferred location of a new Industrial township which would have synergies with existing Urban centers and the Dedicated Freight Corridor (under construction). Getting approvals from State Government on recommended option and preparation of Concept Master Plan options. Ultimate goal is to prepare a Development Plan for Jodhpur Pali Marwar Industrial Area. The project has other components such as Market Analysis and Gap Assessment studies, and five early Bird Projects for which site assessment and Market studies, which are subsequent and key requirements for completion of the project. Five Early Bird Projects are:</p> <ol style="list-style-type: none"> 1. Development of Water and Waste Water Management System 2. Development of Airport near Jodhpur 3. Development of Multimodal Logistics Hub 4. Development of Pali- Sojat Bypass 5. Development of Mass Rapid Transit System <p>All Site Assessment and Market Analysis reports needs to be approved by State Government, which is a responsibility entrusted to the consultant. Further detailed Techno Feasibility Reports have to be prepared.</p>
Activities Performed:	<p>A responsible member of the team for development of individual and overall project methodologies on Site assessment studies for JPM IA and Early Bird Projects. Responsible for preparation of Concept Master plan options and Development Plan of about 150 sq. km.</p> <p>Detailed Mapping of existing urban and regional setting for about 10000 sq km area and responsible for Base Map preparation for about 250 sq.km area. Collating various layers of spatial information such as Government Land Records, satellite imagery, physical features, existing and proposed infrastructure, demographic and socio- economic indicators, etc.</p> <p>Primary role in Site assessment studies for Early Bird Projects on Airport, Pali-Sojat Bypass and Multi Modal Logistic Hub.</p> <p>Support role in Market Analysis and Gap Assessment studies for JPM IA and Early Bird Projects, Infrastructure Cost Assessment and broad cost estimates.</p> <p>Key role in client coordination at State, District and Block levels for stakeholder interactions and getting Statutory approvals, EIA Clearances, project progress reviews etc.,</p> <p>Coordinating with the offshore based international experts in terms of Indian Planning principles, standards and policies, technical requirements on infrastructure projects and site related issues.</p> <p>Quality assurance and checks on every report prior to submission to Client</p>
Project Name:	Master Plan- 2031 documents for various towns
Year:	2011- 2012

Location:	Alwar, Bharatpur, Jaipur and Barmer Districts in Rajasthan
Client:	Awas Vikas Limited and Town Planning Department under Urban Development and Housing Ministry (UDH) of Rajasthan
Position Held:	Senior Urban Planner
Main Project feature:	<p>Pre bid services to NF Infratech Services India Pvt. Ltd. for empanelment as Urban Development consultants for UDH Rajasthan. Master Plan- 2031 documents for 11 towns and cities in Rajasthan as under:</p> <ol style="list-style-type: none"> 1. Kumher (District Bharatpur) 2. Nadbai (District Bharatpur) 3. Nagar (District Bharatpur) 4. Bayana (District Bharatpur) 5. Kherli (District Alwar) 6. Rajgarh(District Alwar) 7. Chaksu (District Jaipur) 8. Kotputli (District Jaipur) 9. Bandikui (District Jaipur) 10. Fatehpur (District Sikar) 11. Barmer (District Barmer) <p>The planning areas ranged from 2 sq.km to 20 sq.km.</p>
Activities Performed:	<p>A responsible core member in the office, lead a team of Planners, Architects and surveyors for the development of Master Plan- 2031 documents for 11 towns and cities in Rajasthan. The stages involved were:</p> <ul style="list-style-type: none"> • Inception Reports and Urban Area-2031 identification and justification. • Existing Landuse maps preparation and verification, • Census data analysis and demographic projections, • Data collection from various local government offices, public utility departments and collection of Land Revenue Maps. • Stakeholder meetings, studying the town characteristics, understanding the aspirations of government and local population. • Preparation of Proposed Landuse Plan-2031 for the projected population. • Preparation of Zoning Plans and broad development schemes for the forecasted population until 2031. <p>Experienced in socio- economic, physical and demographic projections. Possess knowledge of making a city level planning and design scheme. Design, promote and administer government plans and policies affecting land use, zoning, public utilities, community facilities, housing, and transportation. Held public meetings and conference with government, social representatives, developers, the public, and special interest groups to formulate and develop land use for community plans.</p>

Project Name:	Dedicated Urban Development Consultancy for various towns
Year:	2011- 2012
Location:	Alwar District, Jaipur District and Jodhpur District in Rajasthan
Client:	Urban Development and Housing Ministry in Rajasthan
Position Held:	Senior Urban Planner
Main Project feature:	<p>Pre bid services to NF Infratech Services India Pvt. Ltd. for empanelment as Dedicated Consultants for UDH Rajasthan. Provided Urban Development professional services to various Urban Local Bodies (ULB's) in Rajasthan:</p> <ol style="list-style-type: none"> 1. Alwar (District Alwar) 2. Bhiwadi (District alwar) 3. Tijara (District Alwar) 4. Rajgarh (District Alwar) 5. Khairtal (District Alwar) 6. Bandikui (District Jaipur) 7. Kotputli (District Jaipur) 8. Jodhpur (District Jodhpur) 9. Balotara (District Jodhpur) 10. Barmer (District Jodhpur)

Activities Performed:	<p>As Urban Planning Consultant, lead a team of three planners to prepare town Planning schemes for Urban Improvement Trusts and Nagar Palikas. Responsible for:</p> <ol style="list-style-type: none"> 1. Regularisation of Unauthorised Colonies on Agricultural Land 2. Detailed Project Reports for Affordable Housing Schemes at Jodhpur, Bhiwadi, Balotara and Barmer 3. Landuse Planning along Master Plan Roads 4. Sectoral Layout Designs at Bhiwadi, Alwar <p>Involved in and responsible for project formulation as Development proposals for Government Urban Development bodies.</p> <p>Carried out Cost estimates for DPR's on Affordable Housing Schemes.</p>
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Project Name:	Transit Oriented Development
Year:	2010 - 2011
Location:	Delhi
Client:	UTTIPEC- Delhi Development Authority, Government of Delhi
Position Held:	Urban Planning Consultant
Main Project feature:	<p>Highlight of the project was to formulate planning policies for Transit Oriented Development in National capital Region of New Delhi. The project was a new concept in India and involved high level of assessment and scenario studies on existing demographic, socio-economic, land use distribution and housing typology patterns.</p> <p>Identification of Pilot Projects</p>
Activities Performed:	<p>Involved in preparation of spatial distribution patterns, detailed studies on housing typologies and worked as Planning Consultant, for various planning schemes with a view to enhance mobility, reduce congestion and promote traffic safety by adopting scenario based transport planning practices. Experienced transport planning issues and acquired insight on integration of fast and slow modes of transport.</p> <ul style="list-style-type: none"> • Review of Master Plan of Delhi 2021 for exploring possibilities of densification of residential, commercial and public –semi public land uses. • Development of Planning Guidelines for Transit oriented development- Anand Vihar as pilot project. Identification and justification of site, Base Map preparation through survey, GIS and secondary data collection. • Development of solutions for MRTS Corridor connectivity- Aurobindo Marg and Vikas Marg- Cross Sections and Alignment Plans with special provisions for Pedestrian and NMV traffic, dedicated Bus Bays and lanes, etc. • Road improvement plans in accordance with the UTTIPEC Guidelines - Outer Ring Road, and other projects • Formulation of detailed standards under Street Design Guidelines for safe pedestrian access • Preparation of Street Sections for different types Land use types along roads and for different types of Road Hierarchy in NCR Delhi.

Project Name:	Prince Nora University for Women, Riyadh
Year:	2009 - 2010
Location:	Dar Al Handasah (Shair and Partners) Pune
Client:	International
Position Held:	Architect/ Urban Planner
Main Project feature:	Architectural Design Consultancy for Prince Nora University for 44000 Women students at Riyadh. The project was conceived to be LEED certified and employed prefabricated construction technique.
Activities Performed:	Involved in a team of Architects and Urban Planners/ Designers for preparation of Master Plan for the University Campus. Utilities and Land use zoning and planning for University campus.

	Architectural working drawings for Kindergarten school Supporting Team Leader in project progress monitoring and responsible for quality outputs and finishes schedule for interiors and exteriors.
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Project Name:	Shamiya Area extension master plan, Mecca and Security Buildings concept architectural plan.
Year:	2009 - 2010
Location:	Dar Al Handasah (Shair and Partners) Pune
Client:	International
Position Held:	Architect/ Urban Planner
Main Project feature:	Architectural Design Consultancy for Shamiya Area extension master plan, Mecca and Security Buildings concept architectural plan. The project was conceived for upgradation of Mecca complex where a large congregation of religious prayer takes place every year. The challenges were to design the Seecurity complex where a large number of police and security guards had to be accommodated.
Activities Performed:	Involved in a team of Architects and Urban Planners/ Designers for preparation of Concept development stage, MEP Coordination and on Detailed working drawings. Supporting Team Leader in project progress monitoring and responsible for quality outputs and finishes schedule for interiors and exteriors.

Project Name:	Biju Patnaik University of Technology, Bhubhaneshwar, Orrisa
Year:	2008
Location:	Delhi
Client:	Government of Orrisa
Position Held:	Trainee Urban Planner/ Architect
Main Project feature:	Preparation of Master Plan for the University Campus and Concept Architectural drawings. The project was formulated and perceived by the Government of Orrisa.
Activities Performed:	Working in the core team for the preparation of University Campus Master Plan and Concept Architectural drawings. Client coordinations for getting approval on alternative concepts.

Project Name:	Architectural Internship
Year:	May 2006- December 2006
Location:	ARCOP Associates, New Delhi
Client:	JP Group, India (Private)
Position Held:	Trainee Architect
Main Project feature:	ARCOP is an international Architecture Design firm with offices at Canada and Montreal. The projects handled were for Private clients and most esteemed of those were the Jay Prakash Group (JP)
Activities Performed:	<p>As trainee architect, involved in the core architectural design team for Concept design formulations, detailed working drawings and finalisation of Elevations and Sections of the buildings. Here too, experienced extremes of design approach, from modern architecture design to Heritage building conservation and revitalisation as a Hotel building.</p> <p>Specifically worked on wide range of architectural projects involving conceptual designing to working drawings and site visits. Hands on experience on following projects at Arcop:</p> <ul style="list-style-type: none"> • Fortified Palace Hotel, Choumugarh (Rajasthan) • Refurbishment of Terminal 2 building, Indira Gandhi International Airport, New Delhi • Circular Towers - 30 storey Apartments, JP Expressway, New Delhi • Mr. Gaur's Villa at JP Greens, Greater Noida

	<ul style="list-style-type: none"> • Auditorium at JP University Of Information Technology, Waknaghat • Cafeteria at JP University Of Information Technology, Waknaghat
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Academic Achievements :

- B. Arch Thesis was selected in top five academic design works and exhibited in Indian Institute of Architects (IIA) exhibition- Nagpur chapter on 7th - 8th June, 2007
- : Unit Secretary for NASA (National Association of Students of Architecture, India)
- : Zonal Representative for NASA Zone-3
- : Secured AIR- 83 in Graduate Aptitude Test of Engineering GATE, 2006
- : Placement coordinator of the Department of Architecture and Planning for the Batch of 2007 at IIT Roorkee.

Academic Projects :

- MURP IIT Roorkee Dissertation-**
'Planning for SEZ's in UP State Capital Region'
 - Formulating a policy for identification and delineation of SEZ, its area and the type of industries
 - Forecasting the type of target industries and plausible recommendations for policy augmentation for allotment of SEZ's in Regionally backward areas.
- City Design for 6,00,000 Population-**
Integrated Land Use Plan with Public Transport, Walkable City, Pedestrian and Bicycle Friendly Design, Compact form and defining a sustainable and futuristic Urban Design character of city.
- B.Arch thesis on architectural Design-**
'Intrastate Interchange MRTS Station at Anand Vihar, New Delhi'
Design was an integration of Urban Design with hierarchy of circulation spaces. Concept was derived by defining the Identity, Image and Idea, the Station would provide to the neighborhood. Major emphasis was given to the multi modal interchanges, drop off zones and parking areas. The design structure consisted of Steel trusses concave and convex resembling to ribs of a human body, still providing a dynamic design.

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Passport Details H8812581

References	Prof. (Dr.) V. Devadas Professor Dept. of Architecture & planning, Indian Institute of Technology, Roorkee, Uttarakhand- 247 667 valanfap@iitr.ernet	Mr. Umar Khan Team Leader JPM Node- DMIC, Parsons Brinckerhoff India Pvt. Ltd., New Delhi umar_jk@yahoo.com
	Prof. R.K. Jain Professor Dept. of Architecture & planning, Indian Institute of Technology, Roorkee, Uttarakhand- 247 667 rjainfap@iitr.ernet.in	Mr. C.S. Deshmukh Director- Urban planning MIAL (GVK) Mumbai (Ex. Prof. VNIT Nagpur) charudatta.deshmukh@gvk.com