Nipun Garg

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EDUCATION

M.Arch Urban Design, Bartlett School of Architecture, UCL, London, UK *2021 - 2022*
Grade: Merit

- Devised a radical urban design project in a group of 3 by collaborating with other brilliant international students and tutors: explored use of collaborative gaming, metaverse, and capital incentives in an effort to reduce carbon emissions by making "In(visible) Visible" via five colours of carbon as a response to research cluster's theme "Planetary Urbanization"
- Acquired skills such as Grasshopper, Blender, Adobe After Effects, CycleGAN algorithm, Unreal Engine, ArcGIS
- Conducted research: "Digital Twins - A complementary approach towards Design for Disassembly"
- Managed and coordinated, designing and execution of B-Pro exhibition space for research cluster with a team of 20
- Collaborated as a research assistant for research cluster

B.Arch Architecture, University School of Architecture & Planning, GGSIPU, Dwarka, Delhi, India *2014 - 2019*
Grade: First-Class | 73.19/100

- Attained a strong design ability to work on projects of varying complexities and scales from architectural to urban design and master planning along with teamworking and leadership skills
- Gained a well-rounded understanding of architecture and urbanism, building typologies and critical dimensions, utility and infrastructure systems, economics, sociology, environment and ecology
- Achieved proficiency in technical skills, such as drafting via AutoCAD, modelling via SketchUp, visualization via Lumion, graphics via Adobe Photoshop and Illustrator

EXPERIENCE

IPDM Services India Pvt. Ltd. *New Delhi, India*
Architectural Assistant (Landscape) *Sep 2019 - Jul 2021*

- Initiated and brainstormed design concepts, utilized digital tools to document design at different phases and headed multiple landscape projects from retail, commercial, hospitality, residential to master-planning across India
- Developed diverse graphic and visual productions from conceptual presentations for clients, design development drawings to good for construction drawings across various projects
- Gained site visit experience for preparation of mock-up area, site documentation, site marking and services coordination meeting
- Coordinated with material, plantation and lighting vendors, and contributed in creation of bill of quantities for a variety of projects

WeDesign Architects & Voxel Architectonics *Gurugram, Haryana, India*
Freelancer *Dec 2018 - Dec 2020*

- Envisioned design concepts, prepared presentations, and visualized a residence, small temples, and a resort via three dimensional modelling and rendering softwares
- Produced and developed architectural visualizations for a railway station, academic hospital, and a hospital complex

Egis India Consulting Engineers Pvt. Ltd. *Gurugram, Haryana, India*
Architectural Trainee *Jul 2018 - Apr 2019*

- Formulated presentation and good for construction drawings for a hospital and a police headquarters
- Enriched design concepts and visualizations of a mixed-used amenity building, government railway stations, and masterplans
- Volunteered to attend a design pitch meeting with IRSDC (India Railway Stations Development Corporation Ltd.), and gather insights

AECOM, India *Gurugram, Haryana, India*
Architectural Trainee *Apr 2017 - Jul 2017*

- Articulated good for construction drawings operating Revit while assisting in a Naval base residents' headquarters in India
- Created design development drawings for a smart city project in Visakhapatnam

COMPETITIONS

Black Taj by UnFUSE | Team of 2   *2017*

- Envisioned design replicated the concept of Taj Ganj by modifying concept of Mehtab bagh (Garden) by infusing market spaces and history of Black Taj to attract footfall and capture original essence of the idea

Skyscraper by CTBUH (Council of Tall Buildings & Urban Habitat) | Team of 2   *2017*

- Proposed and experimented a conceptual scheme for a skyscraper

GRIHA (Green Rating for Integrated Habitat Assessment) by | Team of 2   *2016*
NASA (National Association of Students of Architecture)

- Visualized a design transcending conventional office typology while employing sustainable techniques to instil an experience and interaction not only between users but also nature

ANDC (Annual NASA Design Competition) by NASA | Team of 7   *2016*

- Responded to theme of "Parallel Projection" by attempting at revitalization of mental-front as opposed to river-front
- Designed a pavilion enlightening and making visitors witness harsh truth of state of river Yamuna

Louis I. Kahn Trophy by NASA | Team of 10   *2015*

- Advised in overall panel design for allocated university space and headed team for executing presentation of final sheets

Reubens' Trophy by NASA | Team of 10   *2015*

- Guided in design of panel for university and generated a number of drawings for display on panel

AWARDS & HONOURS

Conference Paper selection **CAADRIA Conference 2023**	Conjugated Materiality - Reinstating material circularity via digital twins which is an extension of master's research paper under guidance of theory and technical tutor	*2023*
Speaker	Research Seminar for Incoming Batch 2022-23 at Bartlett School of Architecture, UCL	*2023*
3rd Best Research Paper	In the Urban Design batch of 2021-22 amongst 95 students at Bartlett School of Architecture and also published in the B-Pro Catalogue 2022	*2022*
2nd Prize	Annual NASA Design Competition amongst 300 colleges all over India	*2016*
Special Mention	Louis I. Kahn Trophy & Reubens' Trophy, NASA amongst 300 colleges all over India	*2015*

SKILLS & INTERESTS

Technical	AutoCAD, SketchUp, Adobe Photoshop, Lumion, Adobe InDesign, Adobe Illustrator, Adobe Premiere Pro, Adobe After Effects, ArcGIS, Adobe XD, Grasshopper, Unreal Engine, Blender, Microsoft Office
Languages	English & Hindi
Soft Skills	Playing Synthesizer (Performed at television channels like Doordarshan and ETC Punjabi) & Piano (Performed at High Scorer's Concert by ABRSM i.e. Royal School of Music), Sketching, Traveling, Photography Self-starter : Playing Ukulele & Kalimba, Songwriting

REFERENCES

- Ms. Sujata Kohli
  Managing Director
  IPDM Services India Pvt. Ltd.

- William Huang
  Theory & Technical Tutor, RC18
  Bartlett School of Architecture, UCL

- Zachary Fluker
  Lecturer (Teaching)
  Bartlett School of Architecture, UCL