



Parnika Goyal
 UG (V Year I Semester)
 B.Arch.
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 Registration No: 17110020/2022



Area of Interest

Architecture, Urban Design, Sustainability

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2020	B.Arch. 4th Year	Indian Institute of Technology, Roorkee	9.571
2017	Intermediate (Class XII)	S.R.D.A.V. Public School (C.B.S.E.)	96.40 %
2015	Matriculate (Class X)	S.R.D.A.V. Public School (C.B.S.E.)	10.000

Internships

Research Internship | SPARK - Indian Institute of Technology, Roorkee May 2021 - August 2021

- Worked under Dr. Shubhajit Sadhukhan on the research project titled 'Investigating Pedestrian Behaviour and Pedestrian Environment in Indian Cities' (The research is being carried forward for publication).
- Objective: To identify the various factors that influence walkability and measure users perception towards their importance and perceived satisfaction.

Architecture Internship | Growever Infra Private Limited June 2020 - August 2020

- Worked on the preliminary drawings for revitalization of Shah Jahan Park Walkway between Taj Mahal and Agra Fort.
- Worked on the master plans, presentation drawings and working drawings of Eklavya Residential School at different sites in Odisha.

Summer School India | I.I.T.R., H.S.L.U., Sristi Foundation July 2019

- Interdisciplinary Hands-on Workshop (Team of 12 Swiss Students and 6 Indian Students).
- Worked on designing and building a vernacular housing scheme using Bamboo and Thatch for the members and supporting staff of the Sristi Foundation in Tamil Nadu.

Professional Training | Studio Svarup May 2019 - June 2019

- Worked on diverse projects: Residence Interiors, Retreat Cottages, Community Clubhouse.
- Involvement ranging from concept development, conceptual drawings, presentation drawings, interior designing, 3d models and renders.

Projects

Holistic Learning Environments | B.Arch. Thesis January 2021 - November 2021

- Project taken: Atal Residential School for 1000 students in Bulandshahr, Uttar Pradesh.
- Design Intent: To play with the built and unbuilt spaces to create an inspiring, inclusive and sustainable campus that encourages the holistic development of students.

Green Building Assessment | I.I.T.R. September 2020 - December 2020

- Conducted green building certification test on a real residential project based on IGBC Green Homes Rating System and ECBC 2017 Guidelines
- Practical changes were proposed in the project for higher green ratings in the selection of building materials, furnishings, electrical and water fixtures, landscape and technologies used.

Riverfront Development Project | H.U.D.C.O. Competition in N.A.S.A. 18-19 November 2018 - January 2019

- Team of 8 Students - Chosen Site: Riverfront of Varanasi.
- Proposed design interventions on the popular ghats to solve the existing problems, make them more efficient and universally accessible, and to provide amenities and portable structures for the users as per the nature of use.
- Designed a residential block and landscape area on one part of the riverfront as an added exercise.

Documentation of D.C. Office, Nainital | L.I.K. Competition N.A.S.A. 17-18 December 2017 - January 2018

- Team of 20 students - (Main Contribution -Visual Documentation through Hand Sketches).
- Together we documented the District Collectorate Office in Nainital through drawings, sketches, and photographs.

Awards / Scholarships / Academic Achievements

- Best SPARK Internship Research Work (2021)
- 1st Prize | Virtual Fitness Competition (2021) | Amongst IITR (F) Students
- I.I.T.R. Heritage Award (2020) | For 'Outstanding Academic, Co-curricular and Extra-curricular Achievements'
- 1st Prize | IDEAZ Competition (2019) in I.I.T.R. Technical Fest Cognizance | For 'Design of a sustainable modular facade element for Indian context'
- Top 10 National | H.U.D.C.O. (Competition) in N.A.S.A. (2018-19) | For 'Riverfront Development Project'
- Top 10 National | L.I.K. (Competition) in N.A.S.A. (2017-18) | For 'Documentation of D.C. Office, Nainital'

Skills

Software Packages	Autodesk AutoCAD Autodesk Revit Google Sketchup Adobe Illustrator Adobe Photoshop V-Ray Lumion Enscape Microsoft Office Suite
Additional Courses	Technographis - Innovative Construction Technologies (GHTC - India) Smart Cities Management of Smart Urban Infrastructures (Coursera) Greening the Economy: Sustainable Cities (Coursera) Sharing Cities: Governance and Urban Sustainability (Coursera) Writing with Flair (Udemy)
Languages Known	Hindi (SRW) English (SRW)

Positions of Responsibility & Extra Curriculars

Core member | Curious Columns January 2019 - November 2020

- Active participant of different events (Talks, Workshops, and Seminars) | Responsible for editorial section (writeups) and for event management
- Part of the Student Organising Committee for Departmental Cognizance (2019) | Worked in Event Management, Writeups, and Decorations
- Helped in Decorations and back support for Bauhaus @ 100 conference held in IIT Roorkee (2019)

Volunteer | National Social Service I.I.T. Roorkee July 2017 - July 2020

- Member of the Design Team (2017-18) | Designed posters and placards for various events
- Member of the Editorial Team (2018 -19) | Created write-ups for magazine, social media posts, medium posts, and official letters

Participation in Various Competitions | N.A.S.A. December 2017 - February 2020

- Over the span of three years, I have actively participated in different competitions held under N.A.S.A.
- N.A.S.A. 17-18 | L.I.K. Competition
- N.A.S.A. 18-19 | A.N.D.C. Competition, H.U.D.C.O. Competition, Writing Architecture Competition
- N.A.S.A. 19-20 | Writing Architecture Competition

YUVA Mentorship Competition | NBT India June 2020 - July 2021

- Results Awaited | Participated in the YUVA Mentorship Competition which aims to select 75 upcoming authors and mentor them for the publication of their books on India's freedom struggle.
- Book Concept: Non-Fiction - Narrative on different Buildings - the Silent Witnesses of India's Freedom Struggle.

References

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Shubhajit Sadhukhan

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