

Correspondence Address

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Gaurav Singh

CAREER OBJECTIVE

To be a part of architectural profession and academics wherein I can blend my knowledge and skills to meet the dynamic and challenging requirements of the emerging built environment.

PROFESSIONAL QUALIFICATION

- **B.Arch.** from the **Government College of Architecture**, Tagore Marg, Lucknow completed in the year 2008 with 63% marks.
- **Masters in Urban and Rural Planning (MURP)** from **Indian Institute of Technology, Roorkee** in the year 2010 with 7.8 CGPA.
- **E-course on Environmental Planning and Management (EPM)** from **CEPT University**.
- **E-course on Disaster Management and Planning** from **CEPT University**.

ACADEMIC QUALIFICATION

- **Metric: *High School*** completed in the year 1999 from I.C.S.E. board with 73 % marks.
- **Senior Secondary: *Intermediate (Math)*** completed in the year 2001 from ISC board with 60 % marks.

COMPUTER PROFICIENCY

AUTOCAD 2016

AUTODESK REVIT BUILDING 8

ARCHICAD

3DS-MAX, PHOTOSHOP

GOOGLE SKETCH-UP

ARC-GIS, Erdas Imagine

M.S. PROJECT

Equally proficient in M.S.Office, Coral Draw, C++, Visual Basic, FoxPro.

INTERNSHIP

B.Arch. training (2006)

Vastunidhi Architects, Interior Designers and Planners. G.K.- II New Delhi. Experience in site management and implementation. Projects handled: IOCL Delhi, BPCL Faridabad, GE Money (IBM) Gurgaon, Cognizant Logix Park, Noida.

ACADEMIC PROJECTS

B.Arch. Thesis Topic

National Institute for Empowerment of Persons with Multiple Disabilities (NIEPMD) at Muttukado, Chennai.

MURP Academic Dissertation Topic

Planning guidelines for Transport Oriented Compact city development in India: Case Study Delhi.

PhD Topic (ongoing)

Urban Planning Decision Support System for analyzing Surface Urban Heat Island (SUHI) effect using GIS & Remote Sensing: Case of Lucknow

WORKSHOPS AND SEMINARS

Certified training program on **Energy Efficiency and Green Rating for Building. (GRIHA)** supported by Ministry of New and Renewable Energy, GOI.

Participated in **National Seminar on Housing and Disaster Mitigation Efforts in India** conducted by Center of Excellence in Disaster Mitigation and Management.

Academic course in Technical Communication at Humanities Department, IIT Roorkee.

IIT ROORKEE INSTITUTE PROJECTS

Building byelaws formulation for JP Ganga Expressway Townships (2009)

Formulation of building byelaws as per the master plans for 8 townships proposed under JP Ganga Expressway Townships in Uttar Pradesh.

Gangotri River front development (2008-2009)

Dealt with overall development of Gangotri dham including infrastructure planning and urban design considerations.

CO-CURRICULAR ACTIVITIES

Cognizance 2009 - Event Co-Ordinator - Third Dimension

Cognizance 2009 - II nd prize in the event Virtually Real

Cognizance 2010 - Ist prize in Paper Presentation.

Annual Zonal NASA Convention-2004 - II nd prize in the event Self Indulgence

English Debate (2006) - II nd prize

Solo & duo guitar performances, debating, group discussions, organizing road safety campaigns.

PERSONAL DETAILS

Fathers name : Ram Sumer
Date of Birth : 22-05-1982
Gender : Male
Permanent Address : C- 151, Sector- B, Aliganj, Lucknow 226024
Permanent Phone No : (0522) 2331268
Mobile No: 7897177449

TEACHING EXPERIENCE

Two years teaching experience at IIT-Roorkee under the MHRD fellowship program.

Subjects taught:

B.Arch: Architectural Design, Town Planning, Theory of Design, History of Architecture, Environmental Sciences, Building Construction and Material, Principles of Human Settlements.

One year teaching experience at Integral University, Lucknow as an Assistant Professor in both B.Arch. and M.Arch.

Subjects taught:

B.Arch: Architectural Design, Town Planning, Theory of Design, History of Architecture, Environmental Sciences, Research Methodology, Building Construction and Material.

M.Arch: Environmental Design, Climatic Design, Sustainable Development, Resource Management.

Six-year teaching experience at Babu Banarasi Das University, Lucknow as an Assistant Professor in both B.Arch. and M.Arch.

Subjects taught:

B.Arch: Architectural Design, Town Planning, Theory of Design, History of Architecture, Environmental Sciences, Building Services, Architectural Acoustics, Climatology, Research Methodology, Building Construction and Material, Professional Practice, Development Legislation.

M.Arch. & M.U.R.P : Architectural Design Studio, Urban Planning Design Studio, Planning Theories and Techniques, Demography and Statistical Techniques, Urban Infrastructure Planning, Planning Legislation, Urban and Regional Planning, GIS and Remote Sensing, Sustainable Development, and Resource Management.

Worked as overall coordinator of Post-Graduate Courses M.Arch.(General), M.Arch. (Landscape) and M.U.R.P. at B.B.D. University, Lucknow for 6 years.

Associate Professor at Ansal School of Architecture, Lucknow from 16th Sept. 2016 till 4 April 2018.

Presently working as Assistant Professor at Faculty of Architecture and Planning, Dr. APJ Abdul Kalam Technical University, Lucknow from 5 April 2018 till present.

Subjects taught:

B.Arch: Architectural Design, Town Planning, Theory of Design, History of Architecture, Environmental Sciences, Building Services, Architectural Acoustics, Climatology, Research Methodology, Building Construction and Material, Professional Practice, Development Legislation.

M.Arch. & M.U.R.P : Architectural Design Studio, Urban Planning Design Studio, Planning Theories and Techniques, Demography and Statistical Techniques, Urban Infrastructure Planning, Planning Legislation, Urban and Regional Planning, GIS and Remote Sensing, Sustainable Development, and Resource Management, Ecology and Biodiversity.

FACULTY DEVELOPMENT PROGRAMS, QUALITY IMPROVEMENT PROGRAMS, CONFERENCES AND PUBLICATIONS

1. Faculty development program on “Energy Efficient Architecture” at Faculty of Architecture, APJAKTU, Lucknow in 2016
2. 12 Day Faculty Development Program on “Research in Architecture” at Faculty of Architecture, APJAKTU, Lucknow in 2017
3. Regional Faculty Induction Programme on “Design and research methodology in Architecture” from 20 to 24 Feb, 2017 Organized by Council of Architecture Training & Research Centre (COA-TRC) and School of Architecture, Delhi Technical Campus, Greater Noida.
4. Gupta, P., & Yadav, S. Singh, G. (2019). Identification of strategies for better implementation of solid waste management, U.P. *International Journal of Engineering Science and Advance Research*, 5(1), 23–27. <http://www.ramauniversityjournal.com/engineering/index.php>
5. Kant, S., & Singh, G. (2020). Densification of Metro Corridors- A Case of Lucknow. *International Journal of Science and Research*, 9(5), 304–307. <https://www.ijsr.net/>
6. Presented a paper on Identification of Best Practices and Strategies for Better Implementation of Solid Waste Management in Indian Cities at The International Conference on Future Cities-2019.
7. Attended an online International Conference of Contemporary Affairs in Architecture and Urbanism, organized by Alanya HEPA Univeristy, Turkey in May 2021
8. Attended one week online short term course on Renewable Energy and Effluent Treatment, March 2021 organized by Chemical Engineering Department IET, Lucknow
9. NPTEL online certification course in Landscape Architecture and Site Planning.
10. NPTEL online certification course in Qualitative Research Methods and Research Writing.
11. NPTEL online certification course in Ecology and Environment.

12. NPTEL online certification course in Geo Spatial Analysis in Urban Planning.
13. AICTE Training and Learning (ATAL) Academy FDP on Basic Course in Animation Film Making.
14. AICTE Training and Learning (ATAL) Academy FDP on Augmented Reality (AR)/ Virtual Reality (VR).
15. AICTE Training and Learning (ATAL) Academy FDP on Cyber Security.
16. AICTE Training and Learning (ATAL) Academy FDP on Data Science
17. AICTE Training and Learning (ATAL) Academy FDP on Design Thinking
18. AICTE Training and Learning (ATAL) Academy FDP on Green Building and Built Environment.
19. AICTE Training and Learning (ATAL) Academy FDP on Smart Cities
20. AICTE Training and Learning (ATAL) Academy FDP on Smart City Infrastructure.
21. Awarded the title of “IGBC Accredited Faculty” by successfully completing the FDP by IGBC during 31 May to 4 June 2021.

CONSULTANCY AND RESEARCH PROJECTS

- Third-Party Audit for Civil & Electrical Projects executed by the Directorate of Tourism, Government of Uttar Pradesh.
- Building Capacity of University staff, Students and Youth On Urban Climate Resilience: Ayodhya implementation (bcausyoucare). An International Research Project on Urban Heat Stress Mapping and Vector-Born disease mapping in Ayodhya City funded by the Flemish Government through the G-STIC Climate Action Programme

ADMINISTRATIVE DUTIES (Past & Present)

- Associate Dean
- Assistant Procter
- Director Incubation Center at FOAP, AKTU
- Scholarship Coordinator
- MURP Course Co-coordinator
- Coordinator COA & AICTE approval
- ERP Coordinator
- GIS Lab Coordinator

ORGANIZATIONAL MEMBERSHIPS

- Associate member of Institute of Town Planners, India (ITPI) New Delhi
- Life-time member of Lucknow Architects Association (LAA)
- Life-time member of Uttar Pradesh Architects Association (UPAA)
- Associate member of The Indian Institute of Architects (IIA)
- Associate member of the International Society for Development and Sustainability (ISDS), Japan
- Faculty membership at the International Association of academic plus corporate (IAAC) society
- Regular member of Scholars Academic and Scientific Society (SAS Society)

REFERENCES

1. Prof. R.Shankar
Professor
Architecture and Planning Department, IIT Roorkee
shardfap@iitr.ernet.in
Phone No: 09412071371
2. Ar. R. Chandra
Assistant Professor
Architecture and Planning Department, IIT Roorkee
khushfap@iitr.ernet.in
Phone No: 01332-285380

I hereby declare that the information furnished above is true to the best of my knowledge.

Gaurav Singh