



Dr. Shashi Saxena
PhD
(Architect)
Professor

Department of Architecture
School of Architecture, LNCTU
Bhopal

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OBJECTIVE

To obtain a prospective position that will allow me to expand my existing architectural talents in the areas of planning and execution, supervision, and project monitoring. Strong analytical, team building, problem solving, and organizational talents, as well as the ability to make an impact on communities by transferring information of ideal theory into activity.

EDUCATIONAL QUALIFICATION

- **PhD Discipline of Architecture and Planning**
(2013-2020)

Maulana Azad National Institute of Technology, Bhopal (M.P)

PhD Dissertation: “Strategies for Performance of Top-Lit Atriums in Optimizing Visual Comfort and Daylight for Commercial Buildings: A Case of Bhopal.”

- **PGDM – Post Graduation Diploma in Infrastructure Management**
(2018-2019)

MITSDE-Pune, Maharashtra

Dissertation: “WATER SUPPLY-NER NABABPUR” Report for AICON Firm, Nagpur

- **MCM – Post Graduation in Computer Management**
(2002-2004)

Barkatullah University, Bhopal (M.P)

- **B. Arch - Bachelor of Architecture**
(1995-2000)

National Institute of Technology – Raipur (Chhattisgarh)

Bachelor of Architecture Thesis - “LIC Divisional Office Building, with emphasis on Interiors, Bhopal”

- **Under Graduate Training**

Under Ar, Shashikant V, Deshmukh (Architect) Thane (W) Maharashtra in Jan 2000 – April 2000

ADDITIONAL EDUCATION QUALIFICATIONS

1. Certificate Course- **3Ds Max software 18-week expert certification course from CRISP, Bhopal (M.P)**
2. Diploma in Architecture from Bhopal Technical Education, 1994-96

ACADEMIC EXPERIENCE

1. Principal Incharge (HOD) in School of Architecture LNCTU Bhopal from January 2021, till date.
2. Professor in School of Architecture LNCTU Bhopal from January 2021, till date
3. Associate Professor in School of Architecture LNCTU Bhopal from August 2019, till December 2020
4. Visiting lecture in Department of Architecture & Planning in BMCAP Bhopal from January 2019 to July 2019
5. Visiting lecture in Department of Architecture RKDF Bhopal from January 2019 to July 2019
6. Assistant professor in Department of Architecture & Planning in BMCAP Bhopal from January 2018, till December 2018
7. Assistant professor on Contract Basis in Department of Architecture & Planning in MANIT Bhopal from 4th August 2011-12, 2012-13, 2013-2014, 2014 -2015. 2015-2016, 2016-2017 till 20th Dec 2017-2018
8. Guest Faculty in Department of Architecture, Sahodra Rai Govt. Women’s Polytechnic, Sagar (M.P) for the session 2002-03, 2003-04, 2004-05, 2008-09, 2009-10, 2010- Dec. 2010 & Jan. 2011- May 2011.
9. Visiting lecturer in Department of Architecture, Govt. Women’s Polytechnic, Bhopal (M.P) for the session 2001-02
10. Visiting lecturer in Department of Interior Decoration, Govt. Women’s Polytechnic, Bhopal (M.P) for the session 2001-02.

PROFESSIONAL EXPERIENCE

Designation	Office	Projects	Time Period
Self Employed	SPACE MANTRA	Residential,commercial/Institutional&Industrial, Projects(Bhopal,Sagar,Tikamgarh,Raisen, Damoh etc Detailed Working drwgs, Structure Drwg for all above Projects	2009 to 2018
CADD Designer	Roughton International (UK), JV with Consulting Engineers Group Ltd., (Jaipur) Sagar (M.P).	Four Laning of National Highways, Jhansi – Lakhnadon Section (North- South Corridor)	11 th Dec 2006 to 2009
Self Employed	VASTU_SHREE	Residential,commercial/Institutional&Industrial, Projects(Bhopal,Sagar,Tikamgarh,Raisen, Damoh etc Detailed Working drwgs, Structure Drwg for all above Projects	2004 to 2006
Training Officer	NODAL CENTRE SR Govt. Women's Poly. College, Sagar (MP)	Interior Design Training Programme	19 th April 2004 to 30 th June 2004 28 th July 2003 to 29 th Sep 2003
Architect	ARCHIPLANS CONARCH	Working drwgs, Structure Drwgs for Residential, Industrial & Commercial.	1 st Jan 2002 to 31 st July 2002 1 st July 2001 to 31 st Dec 2001
Architect	ARCONS	Residential Temple Complex	Feb 2001 to May 2001

SEMINARS/WORKSHOPS/PAPER PRESENTATION

- Organised National Workshop: National training Program on “Implementing architecture innovations from foundation to finish” organised as conveyer at School of Architecture, LNCT University Bhopal from 06-July-21 to 10- July -21.
- Webinar on " Rethinking Architectural Education: An Entrepreneur View ", on April 13th, 2021 by Architect Vinay Shrivastava, organized by Head, School of Architecture & Entrepreneurship Development & Industry Interaction Cell (EDIIC), LNCT University, Bhopal.
- Organised Short-term Training: “Quickest Medium of Expression" Let us Investigate & Implement it in Profession “Sketching Makes Sense” organised as conveyer at School of Architecture, LNCT University Bhopal from 1 March 2021 to 10 March 2021.
- Paper Presentation in National Seminar on “**Importance of Green Building in Smart City**”- **Scope & Challenges, Sagar (MP) dated 19th May 2018**
- One Day IIID “DESIGN Indian Institute of Interior 06/02/2017 07/02/2017 YATRA” on Smart City Designer, Bhopal Intervention
- One Day Tribal Workshop for Students at MANIT, Bhopal 23/10/2016
- One day Work shop on Autodesk Autodesk - REVIT at MANIT 23/09/2016
- One day Work shop on “Clay Modelling” by Shri Kamlesh Verma (EPCO) at MANIT 25/09/2014

ACHIEVEMENT

Awards: Best Thesis Award for LIC Divisional Office Building, Bhopal (emphasis on interior), 2000.

DETAILS OF INVITE TALKS/EXPERT LECTURE DELIVER

- Jury member for **M. Arch** Thesis Students, RKDF College, Bhopal (M.P), 23rd July 2021.
- Jury member for **B. Arch** Thesis Students, NIT Raipur College, Chattisgarh, 29th June 2021
- One of **the Judge** in Inter- Polytechnic Technical Talent Showcase (Competition) in Architecture and Interior Design Department, Govt Women’s Polytechnic Bhopal, dated **25th April 2018**
- Jury member for **B. Arch** Thesis Students, Hitkarni College, Jabalpur April 2018.
- Expert Lecturer From: 5/11/11 to 7/11/11 at Sahodra Rai Govt.W.Poly.Sagar

- Expert Lecturer From:10/11/11, 12/11/11and 13/11/11 at Sahodra Rai Govt.W.Poly.Sagar
- Expert Lecturer From: 19/11/11and 20/11/11 at Sahodra Rai Govt.W.Poly.Sagar

RESEARCH WORK & DESSERTATION

- PhD Dissertation: “Strategies for Performance of Top-Lit Atriums in Optimizing Visual Comfort and Daylight for Commercial Buildings: A Case of Bhopal.”
(Case Study-: **Malls of Bhopal**). The objectives were:
 1. to understand various forms of atriums of commercial buildings in context with skylight shape influencing daylight availability in top lit atriums.
 2. to investigate the daylight performance of existing atrium building in the study area.
 3. to understand daylight angular studies in reflection through computational design tools for redirecting sunlight in top lit atriums.
 4. to develop strategies for redirecting of daylight to achieve optimal daylight and visual comfort
- Post-Graduation Diploma Dissertation: “Water supply facilities in Ner Nababpur”, project for AICON, Nagpur.
(Case Study-: Ner Nababpur Town). The Objectives were:
 1. The objective of the project is to understand according to service level bench mark.
 2. the Water Supply Sector of Ner Nababpur city to identify gaps and potential of the city.
 3. To identify the Source of Water Supply
 4. To study the storage capacity of existing Water Treatment Plant.
 5. To understand the distribution of categorizing the households based on availability of main source of drinking water.
- Bachelor of Architecture Thesis - “LIC Divisional Office Building, with emphasis on Interiors, Bhopal”
(Case Study-: **GIC, Mumbai, EMCO Transformers Office -Thane west**).The Objectives were :
 1. To design interior with specific functions.
 2. To propose a conceptual design for the live project.
 3. To specify each element used in interiors.
 4. To create working environment in the office in which each individual can function with fullest office productive capacity.

5. To exploit technological development.

6. To maintain flexibility, functionality, safety quality of environment

KEY DELIVERABLES

Project Planning & Management

- Managing overall operations for executing projects related to the construction of all sorts, Mass Housing, Township Programming, (Houses, Infrastructure: Roads, Culverts, Drainage, public amenities, entertainment forums, Horticulture).
- Looking after various matters related to Existing Multi-Storied/ Single Storied structure, Pre-engineered Building Systems, Tower Structure Planning, Low-Cost Housing Systems, etc.

Interior planning & Designing

- Analyzing the client's needs and goals
- Scope of Work including Overall analysis of the dimensions and positional conditions of the site, type of Interior fashion, (colonial, modern)
- Acoustics wall space configuration: Single Stud Walls, Double Stud Walls, on separate plates,
- Furniture, Flooring, finishes like walling, ceiling, Lighting, Flower & Fauna.
- Developing concepts in external face, interior detailing & integrating same with structural finish.
- Integrating findings with knowledge of interior design, economic trends as well as legal and regulatory requirements
- Planning interiors & furnishing private homes, apartments, corporate offices, malls and commercial establishments such as offices/ showrooms.
- Responsible for drafting- perspective drawing, elevation and floor plan.
- Formulating design concepts that are functional, fiscally appropriate and aesthetically pleasing
- Reviewing and evaluating construction during implementation and coordinating the completion of the project with a consultant team.

Drainage And Sanitation:

- Sanitary fitting, Plumbing, Area water supply, Internal supply.

Site & Construction Management

- Anchoring on-site construction activities to ensure completion of project within the time & cost parameters and effective resource utilization to maximize the output.
- Review and technical analysis of engineering drawings, technical specifications, cost estimates for change orders, review & analyze contractor's change order proposals & submittals.
- Working with advanced construction techniques as, Reinforced concrete which is composite construction of steel and concrete has helped in building large structures. Reinforced Galvanized Steel, aluminum, glass, plastics, glazed tiles, vitrified tiles, parquet flooring, state of the art Interior, modern construction methods comprising of Deck Slab Casting, ACP, Pre-fabricated Glass Projection panels/ Structural Glazing, Rich Mortar Casting,
- Inspecting field sites to observe and evaluate condition and operability of facilities and structures.

SOFTWARE PROFICIENCY

Microsoft Office (Word, PowerPoint, Excel, Power point), AutoCAD, 3D Max, Draw, Adobe Photoshop, Sketch-Up

SOFT SKILLS & HOBBIES

1. Ability to understand concept of planning both at policy and implementation level.
2. Qualitative and Quantitative analysis of data convert into reporter documents as per
3. requirement.
4. Good written and verbal communication and presentation skills.
5. Strong command over computer softwares.
6. Quick learner, keen to learn and improve skills. Ability to work under pressure.
7. Ability to understand and grasp situation and take decisions independently.
8. Ability to handle a team and simultaneously can work being an integral part of the team with an aptitude to listen and communicate.
9. Love to travel meet new people and zeal to learn new things and share the learning.
10. Apart from this my other hobbies are travelling, cooking, Badminton and social work.

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

Member – Council of Architecture (COA).

Member – in Vaastu & Vedic Foundation Society, MANIT, Bhopal (M.P)

Member – Board of Studies in school of Architecture, LNCTU Bhopal

Member – Vigyan Bharti (national movement for the propagation and popularization of Science & Technology among students and the masses in India)

ADMINISTRATIVE RESPONSIBILITIES:

Organization	Post	Nature of Responsibility
School of Architecture, LNCTU	Head of Dept	Smooth Conduction of Dept. (all Liabilities)
School of Architecture, LNCTU	Exam Incharge	Conduction of Examinations & Results
School of Architecture, LNCTU	Incharge	Timetable
Dept. of Arch & Planning MANIT	Lab. Incharge	Climatology Instrument Handling
Dept. of Arch & Planning MANIT	Mgmt Team Member	Council Visit Mgmt Team
MANIT Dept. of Arch & Planning MANIT	Co-Cordinator	Stock Verification
Dept. of Arch & Planning MANIT	House Invigilation	Smooth Conduction of Examinations
Dept. of Arch & Planning MANIT	Co-Incharge	Preparing Time table for semesters
Dept. of Arch & Planning MANIT	Mgmt Team Member	Niasa

PUBLICATIONS

- Shashi Saxena, Dr. Anupama Sharma, “Identity, Aesthetic and Ionic Values of Atrium: Reflecting Role in Architecture” IJESTA Engineering Studies and Technical Approach, Volume 03, No. 11, Nov 2017. ISSN No 2395-0900
- Shashi Saxena, Dr. Anupama Sharma, “Assessing Energy Preservative Measures and Substantial Parameters for Optimizing Cooling Performance in Atrium Buildings” International Journal of Recent Technology and Engineering (IJRTE)(SCOPUS) ISSN: 2277-3878, Volume-7 Issue-1, March 2018
- Shashi Saxena, Dr. Anupama Sharma, “Thermal Comfort in Atriums: Assessment and Control” submitted in IJESTA International Journal of Engineering Studies and Technical Approach, Acceptance awaited.
- Shashi Saxena, Dr. Anupama Sharma, “Assessing the Impact of Skylight Design on Daylight Availability and Visual Comfort in Top-Lit Atriums for Commercial Buildings: A Case of Bhopal” submitted in IJISRT (International Journal of Innovative Science and Research Technology), Acceptance awaited.

BOOK CHAPERIZATION

- Paper article “Analyzing Energy-Saving Measures and Key Metrics for Enhancing Cooling Performance in Atrium Buildings” selected as one of the Chapter in an INTERNATIONAL book “**Advanced Aspects of Engineering Research**”

PERSONAL DETAILS

- Gender: Female
- Nationality: Indian
- Date of birth: 19/02/1974
- Marital Status: Married

REFERENCES

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| Asso.Prof. Swasti Sthapak | Dept. of Architecture. NIT, Raipur (Chhattisgarh)
swasti.sthapak@yahoo.com |
| Asso.Prof. (Dr) Jagdish Singh | Dept. of Architecture & Planning MANIT, Bhopal
jagdishsinghj@gmail.com |

DECLARATION

I, the undersigned, hereby testify that the above said information is true to the best of my knowledge and belief.



SHASHI SAXENA