

Ar. MD. FUZAIL JAWAID

Assistant Professor (IKG-PTU), PhD (Pursuing-MNIT), MURP (IIT Roorkee)

Department of Architecture & Planning,
IKG Punjab Technical University (Main
Campus), Kapurthala, Punjab, India. –
144603

E-mail: mfjawaid@ptu.ac.in
Mobile: +91-9465884806,
+91-7073571547



EDUCATIONAL QUALIFICATION

- **PhD (Pursuing from 2014- till date)** – Malaviya National Institute of Technology Jaipur.
- **MURP – Master in Urban and Rural Planning (2011-2013)** from IIT Roorkee.
- **B. Arch (2006-2011)** from Zakir Husain College of Engineering & Technology, A.M.U, Aligarh.
- **CLASS XII (2006) & CLASS X (2004)** from A.M.U BOARD.

RESEARCH AREA

PhD (Research Project)

Environment Responsive Development Regulations for Residential Development in Jaipur City

The project aims at studying the environmental responsiveness of the existing development regulations and the resultant residential developments, to identify lacuna and problems in relation to the carrying capacity of the environment. The project also analyses the regulations and master plan provisions for improvement in environment and their compliance and transformations over time, with special focus on low income group housing and propose reformatory measures and guidelines for the same.

MURP (Thesis Project)

Planning for Transportation System in Aligarh City (6 Months)

The project aimed at studying the existing transportation system and mobility scenario of Aligarh city in general and Urban Arterials in particular, and to work out plan for mobility management to streamline the traffic and transport system of the city.

ACADEMIC PROJECT

B. Arch (Thesis Project)

Five Star Hotel at Dwarka, New Delhi.

ACADEMIC & RESEARCH INTERESTS

Architectural Design, Building Construction, Building Materials, Building Regulations, Building Services, Climatology, Construction Management, Housing & Residential Development, Sustainable Building & Cities, Transportation Planning, Urban Design, Urban Environment & Ecosystems, Urban Planning and Working Drawing.

WORK EXPERIENCE & INTERNSHIPS

ASSISTANT PROFESSOR

I K Gujral Punjab Technical University, Jalandhar (26th Dec.2017 – Till Date)

Work involves – Establishment of the Department of Architecture & Planning at IKG-PTU Main Campus, Kapurthala; Coordinating the revision and finalization of the course curriculum for B. Arch in IKG-PTU constituent campuses & affiliated colleges, Teaching Construction Machinery & works Management to students of B. Tech Civil Engineering.

TEACHING ASSISTANT

Malviya National Institute of Technology Jaipur, Jaipur. (July. 2014 – Dec. 2017)

Work involves assisting faculties in teaching students of Bachelor of Architecture. Major subjects assigned were Architectural Design, Urban Design, Working Drawing, Building Construction & Materials, Vernacular Architecture, and Computer Applications.

ARCHITECT (Free Lance)

Innovative Design, Anoopshahar Road, Aligarh. (July. 2013 – July. 2014)

Designed various Residential & Commercial Projects including Concept/presentation & architectural drawings for Apartments, Single family Residences, etc.

ASSISTANT PROFESSOR (Guest Faculty)

University Polytechnic, Aligarh Muslim University, Aligarh.

(Sept. 2013 – Dec. 2013) & (Jan. 2014 – May 2014)

Work involves teaching students of 2nd & 3rd Diploma in Architecture and Interior Design. Major subjects assigned were Building Materials, Building Contracts & Regulation, History of Art & Culture, Product Design, Projects of final year Architecture.

SUMMER INTERNSHIP (MURP 3rd Semester – 6 Weeks)

Aligarh Development Authority, Aligarh.

Worked on preparation of Zonal Development Plan for Zone-2 & transportation plan of Aligarh city as per the guidelines of Aligarh Master Plan 2021

PROFESSIONAL TRAINING (B. Arch 10th Semester – 4 Months)

Arch-Line Consultants, Sector-51, Noida.

SUMMER TRAINING (B. Arch 7th Semester – 1 Month)

Vivek Khanna & Associates, Lajpat Nagar, New Delhi.

MEMBERSHIPS & AFFILIATIONS

Council of Architecture – Registration no. CA/2013/59513 valid till Dec. 2024

American Society of Civil Engineers (S.M) – Member I.D. # 10378118 since 2015

AWARDS/ HONOURS & FELLOWSHIPS

- **Best Paper Award** for Research Paper Presentation at 4th Annual International Conference on Architecture and Civil Engineering (ACE 2016) at Singapore.
- Secured **All India Rank 34 in GATE-2010 Examinations**
- **MHRD Institute Assistantship** for 4 years (2014-2018) for PhD at MNIT Jaipur.
- **MHRD Fellowship** for 2 years (2011-2013) for MURP at IIT ROORKEE
- **IDB merit cum mean Scholarship** for XI-XIIth from July 2004 to June 2006.

PUBLICATIONS

Published Papers (International Journals)

1. Jawaid, M. F., Sharma, M., Pipralia, S. & Kumar, A. (2017) “*Jaipur: A City Profile*” published in *Cities – The International Journal of Urban Policy and Planning*, Elsevier Publication, volume 68, pp. 63–81. (**SCI Journal with Impact Factor: 2.449**)
2. Jawaid, M. F., Pipralia, S., & Kumar, A., (2016) “*Exploring the Imageability of Walled City Jaipur*”, (*GSTF Journal of Engineering Technology*) Vol.4 No.1, August 2016, pp. 46–52. (**Journal H-index:7**)
3. Jawaid, M. F. & Khan, S. A. (2015) “*Evaluating The Need For Smart Cities In India*” *International Journal of Advance Research In Science And Engineering (IJARSE)* Vol.4, Special Issue (01), pp 991-996, Mar. 2015, ISSN-2319-8354(E)
4. Abbas, Z. & Jawaid, M. F. (2017) “*Biophilia and Built Form: An Implication for Healthcare Facilities*”, *International Journal on Emerging Technologies (IJET)*, vol. 8, No. 1, pp. 628-634. ISSN No. (Print) : 0975-8364 & ISSN No. (Online) : 2249-3255
5. Chowdhary, C., Jawaid, M. F. & Pipralia, S. (2017) “*Challenges and Priorities for Action in Urban Conservation*” *International Journal on Emerging Technologies (IJET)*, vol. 8, No. 1, pp. 652-659. ISSN No. (Print): 0975-8364 & ISSN No. (Online) : 2249-3255
6. Shekhawat, K. S. & Jawaid, M. F. “*A Step Towards Integration of the Land Use and Transportation Planning in India*” *Journal of Civil Engineering and Environmental Technology*, Volume 2, Number 2; pp. 188-191, January-March, 2015 ISSN (Print): 2349-8404; ISSN (Online): 2349-879X.
7. Sharma, S., Paul, S. K., Kumar, N., & Jawaid, M. F., (2017) “*Land Use Suitability Analysis for Zone K-1 (Urban Extension), New Delhi*” *International Journal on Emerging Technologies (IJET)*, vol. 8, No. 1, pp. 478-484. ISSN No. (Print): 0975-8364 & ISSN No. (Online): 2249-3255

Published Papers in Proceedings (International Conference & Symposium)

8. Jawaid, M. F., Pipralia, S., & Kumar, A., (2017) “*Environmental Responsive Urban Planning And Regulations In India: An Analysis*” *ASCE India Conference 2017*, New Delhi, 12th -14th Dec. 2017 (*Under Publication*)
9. Jawaid, M. F. & Abbas, Z. (2017) “*Improving User-Space Performance by Integrating Biophilia in Healthcare Environment*” 15th *International Ergonomics Conference on Ergonomics for Improved Productivity*, Aligarh, India, 8th-10th Dec. 2017.

10. Pipralia, S., Kumar, A. & Jawaid, M. F. “*Exploring The Imageability of Urban Form In Walled City Jaipur*”, Proceeding of 4th Annual International Conference on Architecture and Civil Engineering (ACE 2016), pp. 255- 261. ISSN 2301-394X.
11. Jawaid, M. F. & Jain, R. K. “*Assessment of Transportation Characteristics of Medium Sized Indian City*” TRANSIST 8th International Symposium & Exhibition on Transportation Technologies, Istanbul, Volume: 8, pp 510-519. 17th -19th December 2015.

WORKSHOPS/SHORT TERM COURSES

- ***International Workshop on Publishing in High Impact Journals*** on 25th April 2017 at Zakir Husain College of Engineering & Technology, AMU Aligarh, India.
- ***Geospatial Technologies for Urban Planning*** from 11th February 2016 to 15th March 2016 conducted by Indian Institute of Remote Sensing, ISRO under Off-Campus Outreach Certificate Program.
- ***Thoughtful Cooling – Training of Trainers Workshop for Architecture Professors*** to incorporate Sustainability in the Architecture Curricula conducted by Fair Conditioning from 5th – 7th August 2016 at MNIT Jaipur.

ACADEMIC & ADMINISTRATIVE RESPONSIBILITIES

- Establishment of Department of Architecture & Planning at IKG-PTU Main Campus, Kapurthala.
- Coordinator, Board of Studies (Architecture), IKG-PTU.
- Team Head, for Organization of National Conference on Urban Environment Management in India at MNIT Jaipur on 13-14th February 2017.

PERSONAL DETAILS

Father's Name: Mr. Jawaid Qayyum

Date of Birth: 19th Feb 1988

Age: 30 Years

Gender: Male.

Marital Status: Single.

Permanent Address: A-2, K. K. Residency, Badar Bagh, Aligarh, U. P. India – 202002.

Correspondence Address: 97-A, Tagore Nagar, Opp. Shehnai Palace, Jalandhar, Punjab, India – 144002.