

**Department of Architecture,
Faculty of Architecture & Ekistics,
Jamia Millia Islamia, New Delhi**

Program: P.G. Diploma in Computational Design & AI in Architecture

The PG Diploma in Computational Design and AI in Architecture is a forward-looking, interdisciplinary programme designed for graduates from diverse academic backgrounds who wish to engage with the transformative role of computation and AI in the built environment. As cities, buildings, and infrastructures become increasingly data-driven and intelligent, the demand for professionals who can think algorithmically, analyse data critically, and design responsively is rapidly expanding. This programme introduces foundational concepts in artificial intelligence, machine learning, computational modelling, parametric design, urban analytics, simulation, and smart environments, without assuming prior expertise in architecture or coding.

Through an integrated model of lectures, computational labs, and design studios, students learn to translate data into spatial insight, develop generative design systems, evaluate building performance, and address ethical and professional questions surrounding AI. Graduates emerge with a robust portfolio showcasing their ability for emerging roles as computational design specialists, AI design consultants, and urban data analysts to perform AI-assisted design practice, sustainability and performance consulting, urban data analytics, smart environments, digital innovation, and interdisciplinary research.

The programme welcomes graduates from all streams who seek to future-proof their careers and become innovators in the rapidly evolving landscape of design and technology.