

## Curriculum Vitae (CV)

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### Dr. MARIAM AHMAD:

Ph.D in Building Integrated Photovoltaics



Received her Bachelor of Architecture degree, Master of Architecture, Ph.D in Building Integrated Photovoltaics from Jamia Millia Islamia University.

Currently employed as an Assistant Professor in Department of Architecture, Jamia Millia Islamia University. She has been working as Assistant Professor for the past ten years. And has been involved in teaching the bachelor's of Architecture and masters in building services, in varied capacities. Research interests involve the building services especially the renewable energy systems. Emphasis being on their application in the architecture. She has done her Ph.D., in developing a framework for integration of Integration of Photovoltaic System on the building façade in the composite climate of India. Her research interests include the study of photovoltaics particularly the thin film technology and its capabilities of replacing the conventional building skin.

### ACADEMIC EMPLOYMENT: ASSISTANT PROFESSOR

Department of Architecture,  
Faculty of Architecture & Ekistics  
Jamia Millia Islamia  
New Delhi-110025

### ACADEMIC QUALIFICATIONS:

**B.Arch, Hons (2008)**

Faculty of Architecture & Ekistics,  
Jamia Millia Islamia University

**M.Arch (Building Services), Hons (2011)**

Faculty of Architecture & Ekistics,  
Jamia Millia Islamia University

**Ph.d (2023) Building Integrated Photovoltaics**

Faculty of Architecture & Ekistics, Jamia Millia Islamia University.

### FIELD OF SPECIALISATION:

Building Services, Renewable energy systems, Photovoltaic System Design

### SKILL SET:

Working with architectural software's such as AUTOCAD, 3DS Max, Sketchup and design software like Sketchup.

Simulation software's for renewable energy system design and calculations. Working with the design and calculation of renewable energy systems using RETScreen Expert. Designing, calculation and simulation of the photovoltaic systems using PVSyst, PVSol.

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**PAST ENGAGEMENTS:**

**1. Architecture Intern (2007-2008)**

**Romi Khosla Design Studios.**

Worked on different projects such as stage design showroom design, cafeteria design.

**2. Assistant Architect (2008-2010)**

**Creative Designer Architectural Firm, Nehru Place.**

Worked on hospital design projects as assistant architect, starting from conceptual design to working drawings. The hospital projects were for multi-speciality hospitals like MAX hospital at Shalimar Bagh.

The designing involved creation of working plans and coordination of Mechanical and electrical services.