



Miranda House

UNIVERSITY OF DELHI

Name:

Dr Rashmi Rakshit

Department: Physics

Current Designation: Associate Professor

Email id:

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Academic Qualifications (reverse chronological order):

PhD 1987 IIT Delhi

MSc Physics 1983 IIT Delhi

BSc Physics Hons 1981 IIT Delhi

Research Degree(s) (reverse chronological order):

PhD Centre for Energy Studies IIT Delhi 1987

Field of Specialization under the Subject/Discipline:

Evaluation of Passive Techniques in Non Conditioned Buildings. Solar Architecture.

Total Teaching Experience:

34 years

Of at Miranda House since:

July 1988

List of Publications (reverse chronological order):

(Articles in referred/peer-reviewed/UGC Care journals/ Books/Book Chapters)

Educational Resource Material Developed (reverse chronological order):

Research Guidance (reverse chronological order):



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Research Projects (reverse chronological order):

1. A Comparative evaluation of Green Buildings in India using Certification systems
2. A Study of Green Roof
3. A Design of Green Buildings in different climatic zones of India
4. Organic Solar Cells
5. Comparison between Historic Indian Monuments and Modern Buildings
6. HVAC of Buildings in ancient rural India
7. Algal Fuels
8. Bringing Nature Inside
9. Fuel from Plastic Waste
10. Analysis of energy consumption and efficiency in residential buildings in India
11. Green Buildings: Study of Green Building Concept in some of the college campuses in India.
12. Green Buildings: Rain water harvesting
13. Biomimcry and Passive ventilation revolution

Membership Of Professional Bodies

Lifetime member: Solar Energy Society.

(reverse chronological order):

Administrative Responsibilities (reverse chronological order):

Teacher In Charge July 2021 onwards

Convenor, Academic Committee July 2021

Convenor, Admission Committee 2021

Superintendent of examinations 2015



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Teacher in Charge 1991-1993

Teacher in Charge 2011-2013

Convenor, Staff advisor 2017-2019

Convenor Placement Cell 2012-2016

Member, Proctorial Committee 2013

Member, Committee of Course, Applied Physical Sciences 2013-2015

Member, Admission Committee 2010-2015

Convenor, Admission Committee 2011-2013

Faculty advisor, Physics Society, 2010-2012

Invited talks/Session chair/Resource person (reverse chronological order):

Conferences Organised (reverse chronological order):

Seminars/Workshops/Conferences attended (reverse chronological order):

Synergy (work with other organizations outside the college):