



Miranda House

UNIVERSITY OF DELHI

Name: Dr. Sanju

Department: Physics

Current Designation: Associate Professor

Email id: sanju@mirandahouse.ac.in

Academic Qualifications (reverse chronological order):

- **M.Sc (1988) Physics** with Electronics as special paper from Department of Physics and Astrophysics, Delhi University.
- **B.Sc (1986) Honours** Physics from Ramjas College, Delhi University.

Research Degree(s) (reverse chronological order):

- **Ph.D (2001)** in broad area 'Nonlinear Dynamics' from Department of Physics and Astrophysics, Delhi University.
Thesis title: Modulated Discrete Maps: Bifurcations, Crises, Control of Chaos.

Additional Qualifications :

- Qualified Joint CSIR-UGC NET held in January 1989 and awarded Junior Research Fellowship.

Total Teaching Experience: 31 years

- Permanent Faculty at Miranda House since July 1995.
- Ad-hoc faculty at Miranda House for approximately two years from August 1992 to July 1995.

List of Publications (reverse chronological order):

- Sanju and V.S. Varma , 'Periodic forcing and goal oriented control of Chaos', International Journal of Bifurcation and Chaos 13(9), 2699-2707 (2003).
- Sanju and V.S. Varma, 'Logistic Map modulated by additive periodic forcing' in the Proceedings of 'National Seminar on Computational aspects in Chaos and Nonlinear Dynamics' (March 21-25, 1994) held at Cochin. (Wiley Eastern Ltd.).
- Sanju and V.S. Varma, 'Quadratic Map modulated by additive periodic forcing', Physical Review E 48, 1670-1675 (1993)



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Administrative Responsibilities (reverse chronological order):

- Member, Workload Committee, Miranda House.
- Member, Hostel Committee, Miranda House.
- Member, Faculty of Science, Delhi University since Dec 2024.
- Member, Library Committee, Miranda House since 2018.
- Deputy Coordinator, Central Evaluation Centre of Delhi University at Miranda House (May-July 2024).
- Convener, Workload Committee, Miranda House (2023-24).
- Member, Sports Committee, Miranda House, (2019-2024).
- Member of committee for framing of syllabus of undergraduate course of Physics at Department of Physics and Astrophysics, Delhi University (2022-23)
- Deputy Superintendent, Semester Examinations, University of Delhi (2017).
- Teacher in Charge, (2007-2009)
- Admission Committee (2021-23, 2017-20, 2014-16, 2008-10, 1996-2000)
- Member, WDC (2009-10)

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

- One-Week Online National Faculty Development Program “Python: Essentials, Programming and Analytics” (2022)
- One-Week Online National Faculty Development Program “Visual Communications, Photography, Graphic Design & Animation and Digital Film Production” (2022)