



# Miranda House

## UNIVERSITY OF DELHI

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**Name:** Dr. Daulti Verma  
**Department:** Mathematics  
**Current Designation:** Associate Professor  
**Email id:** daulti.verma@mirandahouse.ac.in  
**Academic Qualifications:** M.A, B.A

**Research Degree(s):** Ph.D, M.Phil

**Field of Specialization under the Subject/Discipline:** Functional Analysis

**Total Teaching Experience:** 17 Years

**Teaching at Miranda House since:** 20, January, 2009

### List of Publications:

1. Hardy Inequalities on Metric Measure spaces, II: Prof. M Ruzhansky and **Daulti Verma**, the case  $p > q$ , Proceedings of Royal society A, 2021.
2. Hardy Inequalities on Metric Measure spaces, Prof. M Ruzhansky and **Daulti Verma**, Proceedings of Royal society A, 2019.
3. P. Jain, D. Verma, Two dimensional mean inequalities in certain Banach function spaces, Real Analysis Exchange, Vol. 33(1), 2007/2008, pp. 1-18.
4. D. Verma, Equivalent conditions for Hady inequalities, proceedings of A. Razmadze, Mathematical Institute, Vol. 148(2008), 107-116.
5. P. Jain, B. Gupta, D. Verma, Mean inequalities in certain Banach function spaces, J. Math. Anal. Appl., 334(2007)358-367.



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### **Membership Of Professional Bodies:**

1. Member of research group of Mathematical Inequalities of Australia (RGMIA)
2. Member of Indian Mathematics Consortium (TIMC)

### **Invited talks/Session chair/Resource person:**

1. International day for women in Mathematics: GF-Online-Workshop, 12 May, 2021
2. UK Network of Hyperbolic Equations Meeting, LoughBorough University, UK, 12 February, 2018

### **Conferences Organised:**

1. Workshop on "Algebra", 2-3 March, 2017.
2. Workshop on "Analysis", 10-12 August, 2016.
3. Workshop on "Real vs Complex", 4-5 April, 2016.
4. National Workshop on "Diff Equation and Mathematical Modelling", 15 March, 2011

### **Seminars/Workshops/Conferences attended:**

1. UK network of Hyperbolic Equations Meeting, London, UK, 3 December, 2018
2. UK network of Hyperbolic Equations Meeting, London, UK, 5 December, 2017

**Synergy:** Worked as an Academic fellow with Imperial College, London and Queen Mary University, London UK from July, 2017 to July, 2020.