

Faculty Details Page on College Web-site

Title	Dr	First Name	Anuradha	Last Name	Gupta	Photograph
Designation	Associate Professor					
Department	Mathematics					
Address (Residence)	13/25,1st floor ,East Patel Nagar, New Delhi- 110008					
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Education						
Subject	Institution		Year	Details		
BA(H) Maths	Janki Devi Memorial College, DU		1986			
MA Maths	Hans Raj College		1988			
MPhil Maths Ph.D Maths	Deptt Of Maths		1989 1999			
Career Profile						
Organisation / Institution		Designation	Duration	Role		
Delhi College of Arts & College		Associate professor	25 Years	Teaching various under graduate courses		
Research Interests / Specialization						
Theory of Operators, Functional anlysis						
Teaching Experience (Subjects/Courses Taught)						
25.5 Years BCom (H), BA(H) ECO, BA(Prog)						
Honors & Awards						
Publications						
<ul style="list-style-type: none"> ▪ m - quasitriangular weighted shift, Bull. Cal.Math.Soc.84 (1992), 255-264(ISSN 0973-0176). ▪ Modulus of quasidiagonality, Glasnik Mathematicki, 29, No. 49(1994), 101-108 (ISSN-0017- 098X). ▪ Jointly quasidiagonal operators, Journal of Mathematical Sciences (1995). ▪ Weyl type theorems for class $A(k)$ operators, International J of Math Archives (2013) 1199-1104 (ISSN 2229-5046) (co-authored).. 						

- Generalized a – Weyl’s Theorem For Direct Sums, *Mathematicki Vesnik*, Vol. 65(4) (2010), 265-270 (ISSN 0025-5165)(co-authored).
- Property (BW) and weyl type theorem, *Bulletin of Mathematical Analysis and applications* ,3(1)(2011), 1-7 (ISSN 1821-1291) (co-authored)..
- On weighted B – Weyl Spectrum, accepted for publication in *JMI International Journal of Mathematical Sciences* !(2) (2010) ,8-13(ISSN 0976-5913) (co-authored)..
- Weyl Type Theorem for a – Polaroid operator, *International Journal of mathematical archives* 3(9)2012,1-7 (ISSN 2229-5046) (authored).
- Variations of Weyl type Theorems , *International J of Contemporary Math.*(2013),189-198 (1314-7544) (co-authored)..
- k^* -paranormal composition operators published in *International Mathematical Forum* , Vol 8(2013)no9,433-441(ISSN 1312-7549) (co-authored)..
- Multiplication operators on Orlicz-Lorentz Sequence space, *Intenational J. Math Analysis* (2013), 1461-1469 (ISSN 1312-8876) (co-authored)..
- Composition and weighted composition operators on generalized Lorentz –Zygmund spaces, *J of Mathematical Analysis*,4 (2014)1-13(ISSN 2217-3412) (co-authored)..
- On (n,k) -quasinormal weighted composition operators ,*International J. pure and applied Mathematics*(2014),23-32 (ISSN 1311-8080) (co-authored). (co-authored)..
- n -Normal and n -Quasinormal composition operators, *Mathematicki Vesnik*(2014), 1-7(ISSN 0025-5165) (co-authored)..
 - On the property (Baw), *International Journal of Pure and Applied Mathematics*,(2014),625-632 (ISSN -1314-3395) (co-authored)..
 - Multiplication operators on Lorentz-Karamata Spaces, *Bull. of the*

Calcutta Mathematical Society ,10(2)(2014)83-92(ISSN 0973-0176) (co-authored)..

- Composition operators on Lorentz-Karamata –Bochner Spaces ,American J of Mathematical Analysis (3)(2015)21-25(ISSN 2333-8490) (co-authored).
- Quasi partial b-metric space and some related fixed point Theorems ,Fixed point Theory and applications (2015)1-12 (Impact factor 2.49) (co-authored).
- Some coupled fixed point Theorems on Quasi partial b-metric space, International J of Math. Analysis,(9)(2015)293-306(ISSN 1312-8876) (co-authored).
- Composition operators on double sequence spaces defined by modulus, Acta Scientiarum Mathematica(Szeged),Vol 81, No1 (2015) 177-178(ISSN 0001- 6969)
- Weighted composition operators on Lorentz-Karamata-Bochner Spaces, j of Advances research in pure Mathematics, Vol(7)(2)(2015) 76-88(ISSN 1943-2380)
- $(\alpha.\beta)$ -normal composition operators, Thai J. of Mathematics, Accepted for Publication.

- **Books:** Business mathematics, published by Pearson's Ltd.
- Complex Analysis, published by Ane Books Ltd.
- Multivariable calculus, published by Ane Books Ltd.

Conference Presentations

1. Presented a paper entitled 'Vedic Mathematics in higher education' in a UGC sponsored National Seminar on Restructuring higher education : constraints and possibilities held at Delhi College of Arts and Commerce in March 2010
2. Presented a paper entitled 'BW property and Weyl type theorem' at the 23 International Conference on Operator Theory held at West University Timisoara , Romania from June 28 to July 04 2010
3. Presented a paper entitled 'Relevance of Vedic Mathematics in the present era' at an International Conference on Science Spirituality and Humanity: 'Transcending Discipline Barriers' held in February 2011 at New Delhi .
4. Presented a paper entitled
5. Presented a paper entitled' Variants of Weyl type theorems for direct sums in the IJAS international conference for Academic disciplines, held in Vienna, Austria from April 1-5, 2012.
6. Attended an international conference on the Legacy of Srinivasa Ramanujan from 17-22 Dec. 2012, held in University of Delhi.
7. Participated in ICT Workshop on ICT held during 21-22, March 2014 at Institute of Life Long Learning.
8. Presented a paper entitled 'Weyl Type Theorems for unbounded operators' in the International conference on recent advances in Pure and Applied Mathematics held on 6-9 Nov 2014 in Antalya, Turkey.
9. Attended International conference on Algebra, Geometry, Analysis and their applications held on 27-29 Nov 2014 in Jamia Milia islamia.
10. Invited lecture on 'Weyl type Theorems for unbounded operators ' Workshop on women Mathematicians, south campus, University of Delhi.

11. A Contributory talk on "Weyl Type Theorems for

Public Service / University Service / Consulting Activity/College Committee members

1. Placement cell: As a convener of this cell, I contacted various companies who hire undergraduate students and make necessary arrangements for recruitment process. In 2014-15, more than 150 students got selected in various reputed companies. This cell also provide internship opportunities for 1st year and 2nd year

students.

2. Leave committee- member

3 .Girls common room committee: Worked as convener of this committee and tried to give better facilities to girl students of the college.

4. Workload committee: worked as a member of this committee to see the workload of various departments (seeing student –teacher ratio, no of permanent teachers ,no of papers taught by various departments)

5. Time table Committee: worked as convener of this committee to set time table of all departments in the the years 2011-13.

6. Provident fund committee : As a member I saw that the provident fund of employees are properly invested so that employees get interest on their money and those who retire get their dues in time.

7. Admission committee : AS a member of this committee I make sure that the students are admitted in the college as per University rules.

8. Deputy Superintendent Examination: Smoothly conducted examinations in the college for DCAC students in the year 2012 and for school of open learning in the year 2013.

9. Alumni Committee : As a convener of this committee , I organized 6th annual alumni meet on 28th Feb, 2016. It was attended by 150 alumni of the college along with teaching and non-teaching staff members.

Professional Societies Memberships

NA

Projects (Major Grants / Collaborations)

Completed Minor project sponsored by UGC

Other Details