


Title	Dr.	First Name	Megha	Last Name	Agarwal	Photograph
Designation	Assistant Professor					
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Phone No	Office					
	Residence					
	Mobile	9871212299				
Email	dr.megha.iitd@gmail.com					
Web-Page						
Educational Qualifications						
Degree	Institution			Year		
Ph.D.	Indian Institute of Technology, Delhi			2009		
M.Phil. / M.Tech.						
PG	Indian Institute of Technology, Delhi			2003		
UG	Hans Raj College, University of Delhi			2001		
Any other qualification						
Career Profile						
<ul style="list-style-type: none"> • Assistant Professor (Permanent) in Department of Mathematics at Ramanujan College, University of Delhi since March 2014. • Assistant Professor (Adhoc) at University of Delhi: <ul style="list-style-type: none"> – Ramanujan College from July 2013 till Feb 2014. – Kamala Nehru College from Feb 2012 till July 2013. – Shyama Prasad Mukherjee College from Oct 2011 till Feb 2012. • Guest faculty at Department of Mathematics, University of Delhi for postgraduate classes from August 2013 till Feb 2014. • Teaching Assistant at Department of Mathematics, Indian Institute of Technology, Delhi from June 2003 - June 2008 (Ph.D). 						
Administrative Assignments						
<ul style="list-style-type: none"> • Convener of Women Development Cell (WDC) from 2018 – 2020. • Member of Internal Complaint Committee (ICC) from 2017 - 2020. • Teacher in Charge (Department of Mathematics, Ramanujan College) from July 2013 till April 2016. • Director of the Ramanujan Centre of Applied Mathematics and Research of Ramanujan College from 2013 -2018. • Convener of the Foundation Day of the Ramanujan College held on 22nd December 2015. • Convener of IT Infrastructure Committee during 2014-15. • Member of various committees of the college like Placement Committee, Library Committee, Admission Committee, Foundation Day Committee, Students Union Committee. 						

Areas of Interest / Specialization
Algebra, Graph Theory
Subjects Taught
Under Graduation: Algebra Differential Equations Post Graduation: Field Theory Non-Commutative Rings
Research Guidance
One M.Phil. student (completed in 2019)
Publications Profile
<p>[1] Purnima Gupta, <u>Megha Agarwal</u>, Rajesh Singh (2020), On Graphoidal Length of a tree in terms of its Diameter, AKCE International Journal of Graphs and Combinatorics DOI: 10.1016/j.akcej.2019.12.012. (ISSN: 0972-8600)</p> <p>[2] <u>Megha Gupta</u>, R. K. Sharma, J. B. Srivastava, A note on groups of finite weight, <i>Southeast Asian Bulletin of Mathematics</i>, 34 (2010), no. 3, 425-427. (ISSN: 0129-2021)</p> <p>[3] <u>Megha Gupta</u>, R. K. Sharma, J. B. Srivastava, On groups and their weight, <i>International Journal of Algebra</i>, 2 (2008), no. 6, 265-275. (ISSN: 1312-8868)</p> <p>[4] <u>Megha Gupta</u>, R. K. Sharma, J. B. Srivastava, Weight of groups of order up to 100, <i>International Journal of Algebra</i>, 2 (2008), no. 17, 813-836. (ISSN: 1312-8868)</p>
Conference Organization/ Presentations
<ul style="list-style-type: none"> • Member of organizing committee of MHRD recognized Refresher Course in Mathematics conducted by Teaching learning centre, Ramanujan College and organized by Department of Mathematics, Ramanujan College from 31st August 2021 to 14th September 2021. • Member of the organizing committee of online workshop on Recent Trends in Domination and Graph Labelling (RTDGL 2021) organized by Department of Mathematics, Ramanujan College, University of Delhi in collaboration with Academy of Discrete Mathematics and Applications (ADMA) during 27th May 2021 to 31st May 2021. • Member of organizing committee of MHRD recognized Refresher Course in Mathematics conducted by Teaching learning centre, Ramanujan College and organized by Department of Mathematics, Ramanujan College from 16th March 2021 to 30th March 2021. • Co-coordinator in five-days International Conference on Recent Trends in Mathematics and Its Applications to Graphs, Networks and Petri Nets (ICRTMA-GPN-2020) which was jointly organized by School of Computational and Integrative Sciences, J.N.U. and Vijnana Parishad of India (Society for Applications of Mathematics from 20 July 2020 to 24 July 2020).

- Resource person in online Induction/Orientation Programme from June 4, 2020 to July 1, 2020 organized by MHRD, Teaching Learning Centre, Ramanujan College, University of Delhi.
- Convener of UGC and SERB-DST funded international conference “International Conference of Applicable Mathematics (ICAM 2019)” with theme Network Sciences at Ramanujan College, University of Delhi from 19th December 2019 to 21st December 2019.
- Member of organizing committee of MHRD recognized FDP on “ICT Integrated Research in Mathematical Sciences” conducted by Teaching learning centre, Ramanujan College and organized by Departments of Computer Science, Mathematics and Statistics of Ramanujan College from 24th-30th September 2018.
- Participated and presented a paper in the “International Conference on Discrete Mathematics” held at the Department of Mathematics, Periyar University, Salem-11, Tamil Nadu during 04-07 Jan, 2018.
- Participated and presented a paper in Invited Paper Session in National Conference on “Recent Statistical Computing Techniques And Their Applications”(RSCTA-2016) organized by Department of Statistics and Department of Computer Science, Ramanujan College, University of Delhi during 11th -12th March 2016.
- Member of the core team for organizing the Foundation Day and Annual Day 2013-14 and 2014-15.
- Organizer of Two Day Faculty Development Program on "Computational, Mathematical and Statistical Techniques (CMST-2014)" in Ramanujan College held on 31st October 2014 -1st November 2014.
- Co-organizer of one day workshop as a Student Development program for Foundation Course in Building Mathematical Ability at Ramanujan College in September 2013.
- Participated and gave a talk in the “69th Workshop on General Algebra and 20th Conference for Young Algebraists” held in Potsdam, Germany during March 18-20, 2005 .

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

- Awarded the prestigious High Value Research Assistantship from IRD, Indian Institute of Technology Delhi from August 2003 to July 2007.
- Secured place among top 20% awardees of Council for Scientific and Industrial Research (CSIR) National Eligibility Test (NET)-Junior Research Fellowship (JRF) of December 2002.
- Qualified Graduate Aptitude Test in Engineering (GATE) 2003 with a score of 93.15 percentile with an All India Rank 92.
- Topper of M.Sc. Mathematics (2003) with CGPA of 9.389 on 10 point scale and received Mrs. Santokh Gill Award from Indian Institute of Technology Delhi in recognition of the same.
- Secured first position in Hans Raj College, University of Delhi in B.A.(H) Mathematics I, II and III year.
- University Rank holder 3 in II year of B.A. (H) Mathematics.
- Topper of B.A.(H) Mathematics (2001) and received Sh. Vijay Malhotra Prize from Hans Raj College, Delhi University in recognition of the same.

Association With Professional Bodies

- **Member of the Faculty of Mathematical Sciences, University of Delhi for a term of three years w.e.f. 08 Feb 2016.**

Other Activities

- **Participated in one week Faculty Development Programme on LaTeX & Xfig organized by IQAC, A.N.College, Patna in association with Indian Institute of Technology-Bombay through Spoken Tutorial, Remote Learning (An initiative of National Mission on Education through ICT, MHRD, Govt. of India) from 11 May 2020 to 17 May 2020.**
- **Participated in Faculty Development Programme on R organized by Birla Institute of Technology Mesra, Noida Campus in association with Indian Institute of Technology-Bombay through Spoken Tutorial, Remote Learning (An initiative of National Mission on Education through ICT, MHRD, Govt. of India) from 11 May 2020 to 15 May 2020.**
- **Participated in the MHRD recognized online two week Faculty Development Programme on Managing Online Classes and Co-Creating MOOCs organized by Teaching Learning Centre, Ramanujan College (University of Delhi) held during 20th April - 6th May 2020.**
- **Attended a webinar on Graph Theory and Petri Nets Applications held on 01 May, 2020 organized by Department of Mathematics, Shyama Prasad Mukherji College for Women, University of Delhi.**
- **Participated in the MHRD recognized Faculty Development Program on “Teachers, Teaching and Taught: Discovering new Meanings, Relationships and Purpose” organized by IQAC, Ramanujan College, University of Delhi from 01 -07 January 2020.**
- **Participated in the MHRD recognized Faculty Development Program on “Understanding the connection of Mathematics with the world around us: An application based learning” organized by Mahatma Hansraj Faculty Development Centre (MHRFDC) and Department of Mathematics, Hansraj College from 20 -26 June 2019.**
- **Participated in the Teachers Enrichment Workshop on Algebra and its applications, organized by Advanced training in mathematics, National Centre for Mathematics(A joint venture of TIFR and IIT Bombay) held at Shivaji College during 6-11 May, 2019.**
- **Participated and successfully completed a 4-week “Faculty Induction Programme” conducted by MHRD, Teaching Learning Centre, Ramanujan College from 14 November 2018 to 13 December 2018.**
- **Participated in MHRD recognized Faculty Development Program on “ICT Integrated Research in Mathematical Sciences” conducted by Teaching learning centre, Ramanujan College and organized by Departments of Computer Science, Mathematics and Statistics of Ramanujan College from 24th-30th September 2018.**
- **Participated in the Teachers Enrichment Workshop on Differential Equations, Mathematical Modelling & Analysis, organized by Advanced training in mathematics, National Centre for Mathematics(A joint venture of TIFR and IIT Bombay) held at Deshbandhu College during 24-29 July, 2018.**
- **Participated in the UGC sponsored National conference on “Leadership in Organisations: Contemporary Concerns and Key Developments ” organized by Department of Management Studies and Teaching Learning Centre, Ramanujan College on 22-23 March, 2018.**
- **Participated and successfully completed the 115th Orientation Programme organized by the UGC-Human Resource Development Centre, Jamia Millia Islamia from 27 April to 25 May, 2016.**
- **Participated in the MOOC WORKSHOP organized by Institute of Life Long Learning (ILLL),**

University of Delhi on 30th March, 2016.

- **Participated and successfully completed the Winter School (Interdisciplinary) at Centre for Professional Development and Higher Education(CPDHE), University of Delhi from 18th February 2016 to 9th March 2016.**
- **Participated in the workshop on virtual learning environment organized by Institute of Life Long Learning (ILL), University of Delhi on 29th Jan, 2016.**
- **Participated in seven-day National Faculty Development Programme on “Reflections on Emerging Pedagogy in Higher Education and Qualitative Research” organized by Department of Commerce, Ramanujan College, University of Delhi during 18-24 November, 2015.**
- **Participated in three day training program for “Matlab Fundamentals” conducted by Mathworks at Delhi University Computer Centre during 7-9 May, 2015.**
- **Participated in NBHM sponsored workshop on & “Indian Women and Mathematics” held at Department of Mathematics (South Campus), University of Delhi during 2-4 April, 2015.**
- **Participated in the two day International Conference on Management Education and Corporate Transformation: The Ethical Underpinning organized by Center for Ethics and Values, Ramanujan College, University of Delhi and Rawal Institute of Management, Faridabad held at YMCA in March 2014.**
- **Participated in three day RMS-UGTE workshop on "Finite Groups and Applications" held at Deshbandhu College, University of Delhi during February 2014.**
- **Participated in two day international seminar on History of Mathematics held at Ramjas College from November 27 to November 28, 2013.**
- **Participated in a two day Ramanujan Mathematical Society-Undergraduate Teachers Enrichment (RMS-UGTE) Programme held at Lady Shri Ram College for Women in November 2013.**
- **Participated in various Special Orientation Programmes for the Foundation Course in Building Mathematical Ability of the Four Year Undergraduate Programme organized by University of Delhi.**
- **Participated in workshop on UBUNTU organized by University of Delhi.**
- **Participated in the MATLAB and Simulink Academic Tour 2013 of Math-Works at Cluster Innovation Centre, University of Delhi in September 2013.**
- **Participated in various MAXIMA workshops organized by University of Delhi in 2012-2013.**

Signature of Faculty Member