

MR. RAHUL SINGH



Designation and Department:

Assistant Professor, Department of Mathematics

Education and Training:

- B.Sc. (PCM), Ch. Charan Singh University, Meerut (U.P.)
- M.Sc. in Mathematics, Ch. Charan Singh University, Meerut (U.P.)
- M.Tech. in Computer Applications, I.I.T. Delhi
- Ph.D. (Pursuing), Department of Applied Mathematics, Delhi Technological University (D.T.U.)

Email:

rahul.singh1187@gmail.com

Areas of Interest:

Teaching: Applied Mathematics

Research: Cryptography, Image Processing

Teaching Experience: 11 Years

- Worked as an Assistant Professor in Department of Mathematics, Deshbandhu College, University of Delhi (30th July 2012- 23rd July 2013)
- Working as an Assistant Professor in Department of Mathematics, Ramanujan College, University of Delhi (24th July 2013- till now)

Subjects Taught:

Calculus, Numerical Analysis, Differential Equations, Linear Algebra, Discrete Mathematics, Real Analysis, Operation Research, Multivariate Calculus, Computer Algebra System & related software

Research Publications:

7 Research paper

Conferences/FDPs/Seminars Organized:

- Worked as an organizing committee member of the "International Conference on Graphs, Networks and Combinatorics" held from 10th -12th January 2023, organized by Dept. of Mathematics, Ramanujan College (University of Delhi). The conference was sponsored by UGC, SERB DRDO.
- Worked as an organizing committee member of the "International Conference on Applicable Mathematics" with the theme "Network Science" organized by Department of Mathematics, Ramanujan College, University of Delhi held during 19th -21st December 2019.
- Worked as an organizing committee member of two weeks online "Refresher Course in Mathematics" under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Ministry of Human Resource Development (MHRD) from March 16th -30th, 2021.

- Worked as an organizing committee member of the 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) held during 27th -31st May 2021.
- Worked as an organizing committee member of the “INSPIRE Internship Program-2012” organized by Deshbandhu College, University of Delhi & Department of Science & Technology Government of India, held from October 1st -5th, 2012.
- Worked as an organizing committee member of the a Faculty Development Programme on Computational, Mathematical and Statistical Techniques (CMST-2014) held at Ramanujan College (University of Delhi) from 31st Oct -1st Nov 2014.

Conferences/Seminars/FDPs Participations:

- Attended an “International conference” on “*The Legacy of Srinivasa Ramanujan*” organized by the University of Delhi from 17th -22nd December 2012.
- Attended a Workshop on foundation course “*Building Mathematical Ability*” organized by the University of Delhi from 24th -26th June 2013.
- Participated in the “MATLAB and Simulink Academic Tour 2013” of Math Works at Cluster Innovation Centre, University of Delhi on September 23rd, 2013.
- Attended a “Under Graduate Teachers Enrichment (UGTE) Programme” on “Number Theory” association for Ramanujan Mathematical Society (RMS) & Lady Shri Ram College for Women (University of Delhi) held from 8th-9th November 2013.
- Attended a “Under Graduate Teachers Enrichment (UGTE) Programme” on “Finite group and Applications” association for Ramanujan Mathematical Society (RMS) & Deshbandhu College (University of Delhi) held from 7th -9th Feb 2014.
- Attended a Faculty Development Programme on Computational, Mathematical and Statistical Techniques (CMST-2014) held at Ramanujan College (University of Delhi) from 31st Oct -1st Nov 2014.
- Attended a workshop on “*Computational Optimization*” organized by the Sri Venkateswara College (University of Delhi) on February 05th, 2016
- Attended a "Teacher Enrichment Workshop" on "Differential Equations, Mathematical Modelling & Analysis" held at Deshbandhu College (University of Delhi) from 24th - 29th July 2018.
- Attended a "Faculty Development Programme" on "ICT Integrated Research in Mathematical Sciences" conducted by the Ramanujan Center for Applied Mathematics and Research and Teaching Learning Centre (sponsored by MHRD) Ramanujan College (University of Delhi) held from 24th-30th Sep 2018.
- Attended a “Faculty Development Programme” on “Teachers, Teaching and Taught: Discovering New Meanings, Relationships and Purpose” organized by IQAC TLC, Ramanujan College, University of Delhi (sponsored by UGC NAAC) held during 1st -7th Jan 2020.

- Attended a four week “Faculty Induction Programme” on “Faculty in Universities/ Colleges/ Institutes of Higher Education” organized by TLC, Ramanujan College, University of Delhi under the aegis of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Ministry of Human Resource Development (MHRD) in collaboration with Army Institute of Education (AIE) affiliated to Guru Gobind Singh Indraprastha University, Delhi from 23rd April to 22nd May 2023.

Administrative Responsibilities:

- Member:- Discipline Committee of Ramanujan College since 2013 to till now.
- Member: - Union Advisory Committee of Ramanujan College since 2015-19.
- Member: - NCC Boys Committee of Ramanujan College since 2018-2020.
- Member:- Placement Cell Committee of Ramanujan College since 2015 to 2017.

Scholastic details:

- Qualified Council for Scientific and Industrial Research (CSIR)-University Grant Commission (UGC) National Eligibility Test (NET) of Dec 2008 for Lectureship.
- Qualified Graduate Aptitude Test in Engineering (GATE) 2009 with a score of 97.36 percentile and All India Rank 67.
- Qualified CSIR-NET (JRF) in Mathematics, June-2009 with AIR-31
- Qualified CSIR-NET (JRF) in Mathematics, June-2010 with AIR-38
- Qualified GATE - 2012 (Mathematics) with AIR-97
- Qualified GATE - 2018 (Mathematics) with AIR-96 & Gate Score-607