DEPARTMENT OF MATHEMATICS
DYAL SINGH COLLEGE, UNIVERSITY OF DELHI
FACULTY DETAIL
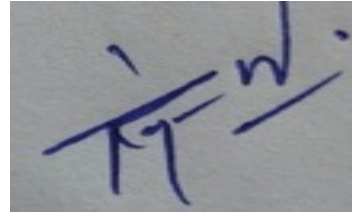
Title	DR	First Name	RAJEEV	Last Name	KUMAR	Photograph
Designation		Assistant Professor				
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Educational Qualifications

Degree	Institution	Year
Ph.D.	University Of Delhi	2019
M. Phil.	Meerut University	2007
M.Sc.	Meerut University	2004
B.Sc.	Meerut University	2002

Career Profile

Teaching as a permanent faculty at Dyal Singh College, University of Delhi, since October 2005

Administrative Assignments (From 1st July 2017 onwards)

1. Member, Library Committee for the academic year 2017-2018 and 2018-2019.

2. Convener, Fee Concession Committee, Dyal Singh College for the academic year 2018-2019.

3. Member, Drama Club, Dyal Singh College, for the academic year 2018-2019.

4. Member, Student Advisory Committee, Dyal Singh College, for the academic year 2018-2019.

5. Teacher-in-Charge of Department of Mathematics, Dyal Singh College for the academic year 2019-2020.

Areas of Interest / Specialization

Cryptography and Algebra

Subjects Taught
1. B. Sc. (H) Maths, 3rd Sem. – Group Theory-1 2. B. Sc. (H) Maths, 4th Sem. – Ring Theory and Linear Algebra-1 3. B.Sc. (H) Maths, 5th Sem. – Group Theory-2 4. B. Sc. (H) Maths, 6th Sem. – Ring Theory and Linear Algebra-2 5. B. A. (Prog.), 3rd Sem. – Analytical Geometry and Applied Algebra 6. B. A. (Prog.), 4th Sem. – Analysis

Research Guidance
NA

Publications Profile (From 1st July 2017 onwards)
1. Pairing-Friendly Elliptic Curves of Embedding Degree 1 and Applications to Cryptography, Italian Journal of Pure and Applied Mathematics (SCOPUS Indexed). 2. Elliptic Curve based Authenticated Encryption Scheme and its Application for Electronic Payment System, International Journal of Computing Science and Mathematics (SCOPUS Indexed).

Conference Organization/ Presentations (From 1st July 2017 onwards)
1. Member of Local Organizing Committee of International Conference on Analysis and its Applications (Organized by Department of Mathematics, Dyal Singh College), 09-11 December 2017.

Research Projects (Major Grants/Research Collaboration) (From 1st July 2017 onwards)
NA

Awards and Distinctions (From 1st July 2017 onwards)
NA

Association With Professional Bodies
Life time membership of Cryptology Research Society of India

Other Activities like MOOCs/ Patents etc. (From 1st July 2017 onwards)
Attended One Refresher Course and five Faculty Development Programme (FDP)

Signature of Faculty Member