

Dr. B. R. Ambedkar University Delhi
School of Liberal Studies (SLS)

Bulletin of Information
PhD in Mathematics
Admissions 2026-2027

SCHOOL OF LIBERAL STUDIES

SLS is home to postgraduate studies and research in Economics, History, Sociology and Mathematics. It offers a range of interdisciplinary, diverse, and overlapping programmes that support, encourage and redefine liberal arts education through cutting-edge interdisciplinary courses, interactive pedagogy and learning that goes beyond classroom spaces.

PhD Program in Mathematics

The PhD programme in Mathematics provides students the opportunity of both rigorous and specialist training. The year-long compulsory coursework allows students to build core strengths as well as specialist knowledge via elective courses. Research guidance is available broadly in areas aligned to Algebra, Analysis, Artificial Intelligence, Machine Learning, Image Processing, Cryptography, Fractional Calculus and Approximation Theory. Regular meetings for research guidance, research seminars, conferences, regular presentations provide the scholar an opportunity to have the requisite academic training for a career in Mathematics. Students are also expected in their senior years to experience hands on training in teaching mathematics to undergraduates.

LIST OF SUPERVISORS FOR PhD ADMISSION 2026-27

S. No.	Name of Supervisor/Faculty	Email	Area of Specialisation
1	Prof. Geetha Venkataraman	geetha@aud.ac.in	Group Theory, Graphs defined on groups
2	Dr. Balchand Prajapati	balchand@aud.ac.in	Ring Theory
3	Dr. Pranay Goswami	pranay@aud.ac.in	Fractional calculus, Mathematical Modelling, Geometric function theory
4	Dr. Mradul Veer Singh	mradul@aud.ac.in	Summability Theory, Approximation Theory
5	Dr. Ramneek Khassa	ramneek@aud.ac.in	Algebraic number theory
6	Dr Kranti Kumar	kranti@aud.ac.in	Artificial Intelligence, Machine

			Learning, Deep Learning, Mathematical Modelling
7	Dr. Deep Singh	dsingh1@aud.ac.in	Cryptography, Image Security, Encryption and Decryption Protocols, Boolean functions and their Generalizations, Bent-Negabent functions and their Generalizations, Abstract Algebra

IMPORTANT

- For additional information contact Dr. Kranti Kumar, Programme Coordinator of PhD in Mathematics, Email: pcphdmaths@aud.ac.in, kranti@aud.ac.in