

§ Dr Ram Asrey Rajput §



Official Address:

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Work Experience:

- Work as lecturer (Mathematics) in Dr. Ram Manohar Lohia Degree College, Purwa sujan, Auraiya (UP), from 15/08/2004 to 15/09/2009.
- Work as tutorial Lectures (Mathematics) in Technical college of Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra, from 10/07/2010 to 15/02/2015.
- Work as Asst. Prof. (Mathematics) in Mukesh Singh Yadav Smrati M/V Ajitmal, Auraiya (UP) from 19/02/15 to 15/07/2022.
- Currently working as Asst. Prof. (Mathematics) in Bundelkhand College Jhansi, UP, India, from 21/07/2022.

Professional Qualification:

- **Ph.D.** (Mathematics) In Linear Algebra, Topic “Matrix Inequalities”, Dayalbagh Educational Institute (Deemed University) Dayalbagh, Agra, Jan. (2017).
- **NET** (JRF, SRF) (Mathematics): Joint CSIR-UGC Test for Junior Research Fellowship and Eligibility for Lectureship (NET) held on 21-06-2009.
- **M.Phil.** (Mathematics), Madurai Kamraj University, Madurai, (2008), with 53.80 marks per hundred.
- **M.Sc.** (Mathematics), Janta College Bakewar Etawah, Affiliated to C. S. J. M. University Kanpur - (2004), with 55.40 marks per hundred.
- **M.A.** (Political Science) C. S. J. M. University Kanpur - (2007).
- **B.Ed.** (Science), Dr. Ram Manohar Lohia Degree College Purwa sujan Auraiya (UP), Affiliated to C.S. J. M. University Kanpur - (2009), with 65 marks per hundred.

Academic Qualification:

- **B.Sc.** Janta College Bakewar Etawah, Affiliated to C. S. J. M. University Kanpur - (2001), with 59.63 marks per hundred.
- Intermediate, Narayan Inter College, Malhausi Auraiya(UP Board)-(1998), with 66.20 marks per hundred.
- High School, S. S. Inter college Tirhua Yakubpur Auraiya(UP Board)- (1996), with 61.33 marks per hundred.

Paper published:

- *A paper published in:* Electronic Journal of Linear Algebra ISSN 1081-3810 A publication of the International Linear Algebra Society Volume 26, pp. 168-176, April 2013: UPPER BOUNDS FOR THE LARGEST EIGENVALUE OF A BIPARTITE GRAPH, J. K. Merikoski, Ravinder Kumar and Ram Asrey Rajput.
- *A paper published in:* Mathematical Science International Research Journal ISSN 2278-8697, A publication of the International Multidisciplinary Research Foundation, Volume 2, pp. 154-158 (2013): BOUNDS FOR EIGENVALUES OF SIMPLE GRAPH, Ram Asrey Rajput, Ravinder Kumar.
- *A paper published in:* The Journal of the Indian Mathematical Society ISSN (Online): 2455-6475, ISSN (Print): 0019-5839, A publication of the Indian Mathematical Society, Volume 92, pp. 340-353 (2025): EIGENVALUE LOCATIONS OF COMPLEX MATRICES AND ITS APPLICATIONS, Ram Asrey Rajput, Ajay Kumar Sharma.
- *A paper published in:* The Journal of the Indian Mathematical Society ISSN (Online): 2455-6475, ISSN (Print): 0019-5839, A publication of the Indian Mathematical Society, Volume ..., pp. -. (2025): A SIMPLER SHARP LOWER BOUND FOR NULLITY OF A BIPARTITE GRAPH, Ram Asrey Rajput.
- *A paper published in:* The Mathematics Student, ISSN 0025-5742, A publication of the Indian Mathematical Society, Volume 94, pp. 126-136 (2025): BOUNDS FOR EIGENVALUES AND ENERGY OF BIPARTITE GRAPH, Ram Asrey Rajput.
- *A book chapter published in:* Research Trends in Computer Science, Mathematical Science and Information Technology, ISBN: 978-93-88901-91-8, Bhumi Publishing, Nigave Khalasa, Kolhapur 416207, Maharashtra, India, pp. 57-64 (2023): THE MATHEMATICAL EXPRESSION DENOTING THE SELLING PRICE OF A DECAYING INVENTORY, CHARACTERIZED BY A LINEAR DETERIORATION RATE, CONSTANT HOLDING COST, AND DEMAND-DEPENDENT SELLING PRICE, IS A POLYNOMIAL OF DEGREE FIVE, Ankit Sharma, Ram Asrey Rajput and Ajay Kumar Sharma.

Seminars /Conferences Attended:

- *Presented a paper in :* “78th Annual Conference of Indian Mathematical Society”, 22-25 Jan. 2013, at BHU, Varanasi, entitled: Upper bounds for the largest eigenvalue of a bipartite graph, J. K. Merikoski, Ravinder Kumar and Ram Asrey Rajput.
- *Presented a paper in:* “International Conference on Mathematics” 09-10 August 2013, Kochi, Kerala, entitled: Bounds for eigenvalues of simple graph, Ram Asrey Rajput and Ravinder Kumar.
- *Presented a paper in:* “79th Annual Conference of Indian Mathematical Society”, 28-31 Dec. 2013, at Rajagiri School of Engg. and Tech., Cochin Kerala, entitled: On Oscillatory Matrices, Ravinder Kumar and Ram Asrey Rajput.

- Presented a paper in: “*International Conference on Mathematical Sciences*”, 17-19 July 2014, at Sathayabama University, Chennai, entitled: Bounds for eigenvalues and energy of a bipartite graph, Ram Asrey Rajput and Ravinder Kumar.
- Participated in the Lecture Workshop on “*Practice and Research in Disaster Management Towards Better Worldliness*” on 02-03 April, 2013, organized by Dayalbagh Educational Institute (Deemed University), Agra.
- Participated in the Lecture Workshop on “*Faculty Development Motivational Workshop Under NEP (STEAM 2022)*” on 25 August, 2022, organized by Bundelkhand University, Jhansi-284001.
- Presented a paper in: “*International conference on Matrix Analysis and Mathematical Modeling (MAMM-2024)*”, 29/11/2024 to 01/12/2024, at Dr B.R. Ambedkar National Institute of Technology, Jalandhar, Panjab, India. Entitled: Eigenvalue locations of complex matrices and its applications, Ram Asrey Rajput and Ajay Kumar Sharma.

Other Achievement:

- “*UGC-Approved Short Term Professional Development Programme*”, 18-26 November, 2022 at Indra Gandhi National Open University, New Delhi 110068, entitled: Professional Development Programme on Implementation of NEP-2020 for University and College Teachers.
- “*UGC-Human Resource Development Centre, University of Lucknow, Refresher Course*”, 10 - 23 January, 2023 at Lucknow University, Lucknow 226025, entitled: Empowering Mathematics, Statistics and Computer Science(MD).
- “*UGC-Human Resource Development Centre, Aligarh Muslim University Aligarh, Faculty Induction Programme*”, 2 February, 2024 to 11 March 2024, at Aligarh Muslim University Aligarh 202002.
- “*Commonwealth Educational media center of Asia, New Delhi, the Association of Indian Universities New Delhi and Dayalbagh Educational Institute (Deemed University) Agra., Faculty Development Programmes*”, 21 April 2025 to 25 April 2025, at Dayalbagh Educational Institute (Deemed University) Agra-282005, entitled: Higher Education Institutions in technology-enabled learning and blended learning.

Computer Proficiency:

- Operating Systems: Windows XP, Linux (Red hat).
- Packages: MS office, Mat Lab, Latex.

Memberships:

- “**IMS**”, Indian Mathematical Society.
- “**ILAS**”, International Linear Algebra Society.
- “**SIAM**”, Society of Industrial and Applied Mathematics.

Personal Details:

Father's Name: Sr Nek Ram
 Name: Ram Asrey Rajput
 Date of Birth: 12 March 1982
 Marital Status: Married

Date.....

Signature.....