




**RAM LAL ANAND COLLEGE (University of Delhi)**  
**Faculty Details**



Title	Mr.	First Name	<b>BRIJENDRA</b>	Last Name	<b>YADAV</b>	Photograph
Designation	<b>Assistant Professor</b>					
Address	<b>Department of Mathematics, Ram Lal Anand College, University of Delhi, Benito Juarez Road, New Delhi,110021</b>					
Phone No	Office					
	Residence	<b>Nehru Gali,Gali No.6 H. NO. 85 A-2 Block sant nagar, Burari.</b>				
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Email	<a href="mailto:brijendra.yadav02@gmail.com"><b>brijendra.yadav02@gmail.com</b></a>					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
<b>PhD</b>	<b>Pursuing From Department of Mathematics University of Delhi</b>					
<b>MPhil</b>						
<b>M.Sc. (Maths)</b>	<b>DDU University Gorakhpur, Gorakhpur</b>				<b>2007</b>	
<b>B.Sc.(Maths, Chemistry)</b>	<b>DDU University Gorakhpur, Gorakhpur</b>				<b>2005</b>	
Career Profile						
<b>June 27, 2023 till date – Assistant Professor, University of Delhi.</b>						
Administrative Assignments						
Areas of Interest / Specialization						
<ul style="list-style-type: none"><li>● <b>Optimization</b></li></ul>						
Subjects Taught						
<ul style="list-style-type: none"><li>● <b>Analysis</b></li><li>● <b>Linear Algebra</b></li><li>● <b>Calculus and Geometry</b></li><li>● <b>Calculus and Matrices</b></li><li>● <b>Probability and Statistics</b></li><li>● <b>Numerical Methods</b></li><li>● <b>Differential Equations</b></li><li>● <b>Number theory</b></li><li>● <b>Computer Algebra System</b></li><li>● <b>Calculus</b></li></ul>						

Research Guidance
NA
Publications Profile (Books/Chapters/Research articles, etc.) (Last 10 publications)
<ol style="list-style-type: none"> <li>1. Effects of Mass Variation in the Collinear Perturbed Moulton-Copenhagen Configuration.</li> <li>2. Behaviour of a Variable Mass Infinitesimal Body in the CR3BP with Heterogeneous Primary and finite Straight Segment Secondary</li> </ol>
Conference Organization/ Presentations (in the last three years)
<ol style="list-style-type: none"> <li>1. Online Faculty Development Program(FDP-105) Statistics with ‘R’ Financial Database and Analysis Software organized by Guru Angad Dev Teaching Learning Centre S.G.T.B. KHALSA College DU. 04-11 Nov.2022.</li> <li>2. Participated in one- week FACULTY DEVELOPMENT PROGAMME ON “DATA ANALYTICS &amp; MATHEMATICAL SOFTWARE TOOLS” organized by Teaching Learning Centre, Ramanujan College, University of Delhi, during 25 February-03 March 2022.</li> <li>3. Participated in the INSA &amp; NCM joint online Teacher’s Enrichment Workshop on “Differential Equations and its Applications” organized by Deshbandhu College, University of Delhi, during March 15-28, 2021.</li> <li>4. Participated in International conference on sustainable development:” MODELING AND OPTIMIZATION (ICSDMO)” organized by Operational Research Society of India, during February 16-17, 2021.</li> <li>5. Participated in the National Conference on “Advance in Operations Research and Mathematical Sciences (AORMS-2018)” organized by Vardhaman College, Bijnor(U.P) during February 24-25, 2018.</li> <li>6. Participated in the Workshop on “FOUNDATION COURSE” organized by CPDHE, University of Delhi, during 12-13 March, 2014.</li> <li>7. Participated in the Workshop on “MATHEMATICA” organized by Acharya Naerndra Dev College, University of Delhi, during 1<sup>st</sup> March, 2013.</li> <li>8. Participated in the National seminar on “Modeling and its Application in Science and Technology” organized by IIMT Engineering College, Ganga Nagar Meerut (U.P) during 22-23 March, 2013.</li> <li>9. Participated in the Workshop on Free/Open Source Software “MAXIMA” organized by Acharya Narendra Dev College, University of Delhi, during 17<sup>th</sup> August, 2012.</li> </ol>

Research Projects (Major Grants/Research Collaboration)
NA
Awards and Distinctions
NA
Association With Professional Bodies
NA
Other Activities
<p><b>Academic Achievements:</b></p> <ol style="list-style-type: none"> <li>NET, June-2010, Qualified All India Rank- 210</li> </ol> <p><b>Chapters in Book for Discipline Course in Mathematics under the FYUP</b></p> <ul style="list-style-type: none"> <li>● Completeness Property of <math>\mathbb{R}</math> (Author),</li> <li>● Solutions of Homogeneous Linear Differential Equations (Author),</li> <li>● Rank of Matrices (Co-Author),</li> <li>● Limits and Continuity of vector functions (Co-Author),</li> <li>● Limits at infinity and Asymptotes,</li> <li>● Continuity of functions,</li> <li>● Limit Theorem for functions,</li> <li>● Limits of functions and one sided limit,</li> <li>● Indeterminate forms: L'Hospital Rule</li> <li>● Numerical solutions of Algebraic Equations: Direct Method's</li> <li>● Numerical solutions of Algebraic Equations: Indirect Method's</li> <li>● <b>Life Member of the Operational Research Society of India.</b></li> </ul>