




CURRICULAM-VITAE



Title	Mr.	First Name	BRIJENDRA	Last Name	YADAV	Photograph
Designation	Assistant Professor					
Address	Department of Mathematics, Acharya Narendra Dev College, Govindpuri, New Delhi-110019					
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Educational Qualifications						
Degree	Institution				Year	
Ph.D	Pursuing Department of Mathematics University of Delhi					
M.Sc. (Maths)	DDU University Gorakhpur, Gorakhpur				2007	
B.Sc. (Maths, Chemistry)	DDU University Gorakhpur, Gorakhpur				2005	
Career Profile						
July 31, 2012 till date – Assistant Professor, University of Delhi						
Administrative Assignments						
<ul style="list-style-type: none">• Member of NSS (National Service Scheme) Committee, Acharya Narendra Dev College, University of Delhi.• Member of Cultural Events Committee, Acharya Narendra Dev College, University of Delhi.• Member of Canteen Committee, Acharya Narendra Dev College, University of Delhi.						
Areas of Interest / Specialization						
<ul style="list-style-type: none">• Optimization						
Subjects Taught						
<ul style="list-style-type: none">• Analysis• Linear Algebra• Calculus and Geometry• Calculus and Matrices• Probability and Statistics• Numerical Methods• Differential Equations						

<ul style="list-style-type: none"> ● Number theory ● Computer Algebra System ● Calculus
Research Guidance
<u>NA</u>
Publications Profile
<ol style="list-style-type: none"> 1. Effects of Mass Variation in the Collinear Perturbed Moulton-Copenhagen Configuration. 2. Behaviour of a Variable Mass Infinitesimal Body in the CR3BP with Heterogeneous Primary and finite Straight Segment Secondary.
Conference/ Presentations/Workshops
<ol style="list-style-type: none"> 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. 2. Participated in one- week FACULTY DEVELOPMENT PROGRAMME ON “DATA ANALYTICS & MATHEMATICAL SOFTWARE TOOLS” organized by Teaching Learning Centre, Ramanujan College, University of Delhi, during 25 February-03 March 2022. 3. Participated in the INSA & 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. 4. Participated in International conference on sustainable development:” MODELING AND OPTIMIZATION (ICSDMO)” organized by Operational Research Society of India, during February 16-17, 2021. 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. 6. Participated in the Workshop on “FOUNDATION COURSE” organized by CPDHE, University of Delhi, during 12-13 March, 2014. 7. Participated in the Workshop on “MATHEMATICA” organized by Acharya Naendra Dev College, University of Delhi, during 1st March, 2013. 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.

9. Participated in the Workshop on Free/Open Source Software “MAXIMA” organized by Acharya Narendra Dev College, University of Delhi, during 17th August, 2012.

Academic Achievements:

- NET, June-2010, Qualified All India Rank- 210.
- **Chapters in Book**
- Completeness Property of R (Author),
- Solutions of Homogeneous Linear Differential Equations (Author),
- Rank of Matrices (Co-Author),
- Limits and Continuity of vector functions (Co-Author),
- Limits at infinity and Asymptotes,
- Continuity of functions,
- Limit Theorem for functions,
- Limits of functions and one sided limit,
- Indeterminate forms: L'Hospital Rule
- Numerical solutions of Algebraic Equations: Direct Method's
- Numerical solutions of Algebraic Equations: Indirect Method's
- **for Discipline Course in Mathematics under the FYUP.**
- **Life Member of the Operational Research Society of India.**

Awards and Distinctions

NA

Association With Professional Bodies

NA

Other Activities

- Worked as a Member of **NSS Committee**, Acharya Narendra Dev College , University Of Delhi.
- Worked as a Member of **Cultural Events Committee**, Acharya Narendra Dev College , University Of Delhi.
- Worked as a Member of **Alumni Committee**, Acharya Narendra Dev College , University Of Delhi.

