FACULTY DETAILS PROFORMA

Title	Dr.	First Name	Narender Kumar	Last Name		Photograph
Designation		Associate Professor				
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Web-Page						

Educational Qualifications

Degree	Institution	Year
Sr. Sec. Cert. Exam	CBSE, Delhi	1987
B.A. (Hons.) Mathematics	Sri Venkateswara College, University of Delhi	1990
M.A. (Mathematics)	Hans Raj College, University of Delhi	1992
M.Phil.	University of Delhi	1994
Ph. D.	University of Delhi	2009

Career Profile

- Working as **Associate Professor in the Department of Mathematics**, Aryabhatta College (Formerly known as Ram Lal Anand College (Evening)), University of Delhi with more than 24 years of teaching experience.
- Worked as Lecturer on Adhoc basis in the Department of Mathematics, Rajdhani College, University of Delhi from 16.01.1994 to 30.04.1995.
- Worked as Lecturer on Temporary Basis (Against Leave Vacancy) in the Department of Mathematics, Sri Venkateswara College from 16.07.1995 to 08.08.1995.

Administrative Assignments

- Teacher-in-Charge, Department of Mathematics 2012-2016
- Convener, Time Table Committee 2012-2015, 2018-2019.
- Convener, Extra Curricular Activities Admission Committee & ECA Committee, 2018-2019
- Convener, Dance Society 2017-Till Date
- Convener, Function Committee 2017-2019
- Convener, Sports Admission Committee and Sports Committee 2019-2020

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Areas of Interest / Specialization

- Mathematical Programming and Optimization

Subjects Taught

- B.Sc. (Hons) Mathematics I Semester Core Course : C-1 "Calculus"
- B.Sc. (Hons) Mathematics II Semester Core Course : C-4 "Differential Equations"
- B.Sc. (Hons) Mathematics III Semester Core Course : C-5 "Theory of Real Functions"
- B.A./B.Sc. (Hons) III Semester General Elective: GE-3 "Linear Programming and Game Theory"
- B.Sc. (Hons) Mathematics IV Semester Core Course : C-9 "Riemann Integration and Series of Functions"
- B.Sc. (Hons) Mathematics VI Semester DSE-IV : "Linear Programming and Game Theory"

Research Guidance

Publications Profile

Papers Published after Ph.D.

1. **The 0-1 Test applied to Peter-de-Jong Map**

   Mridula Budhraja, Narender Kumar and L.M. Saha

   Published in International Journal of Engineering and Innovative Technology, Volume 2, 253-257 (2012)

2. **Complexity Study in Gumowski-Mira Map: The Use of 0 - 1 Test**

   Aysha Ibraheem and Narender Kumar

   Published in Journal of Advances in Mathematics, Volume 6, No.2, 923-930 (2014)

3. **Multi-switching combination-combination synchronization of non-identical chaotic systems via nonlinear controls**

   Narender Kumar

   Communicated to Journal of Nonlinear Dynamics and Systems Theory, Ukraine

4. **Dual combination-combination synchronization of time delayed dynamical systems via adaptive sliding mode control under uncertainties and external disturbances**

   Aysha Ibraheem and Narender Kumar

   Communicated to International Journal of Dynamics and Control (IJDY), Springer Journals

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Conference Organization/ Presentations
1. Participated in the Sixth International Conference of the Association of Asia Pacific Operational Research Societies within IFORS "APORS 2003" held at Hotel Grand Intercontinental, New Delhi, during December 8-11, 2003 and presented a paper entitled "MIXED LAGRANGIAN AND MULTIOBJECTIVE FRACTIONAL PROGRAMMING DUALITY WITH GENERALIZED $\mathfrak{F}$-CONVEX n-SET FUNCTIONS". 2. Participated in the National Symposium on Recent Advances in Optimization Theory and Applications "RAOTA-2006" held at Academic Research Center, University of Delhi, during October 27-28, 2006. 3. Participated in the International Conference on Operator Theory and Related Areas "ICOTRA-2008" held at the Department of Mathematics, Delhi University, during January 9-12, 2008.
Research Projects (Major Grants/Research Collaboration)
Awards and Distinctions
• Qualified CSIR – UGC scholarship-cum-lectureship examination in June, 1993 • Got Teaching Excellence Award on 1st May, 2014 from University of Delhi.
Association With Professional Bodies
Other Activities