

Academic and Personal Information

1 Name: Narender Kumar

2 Department: Mathematics

3



Designation: Assistant Professor

4 Mob-

5 E-mail Id: nkumariitd@gmail.com

6 Educational Qualification:

Qualification	Title/Course	University	Year
Post Graduate	M.Sc. in Mathematics	IIT Delhi	2009
Under Graduate	B.Sc. (Mathematics)	C.C.S University, Meerut	2006
Others	Qualified: NET, GATE, JAM		

7 Positions Held/ Career Profile:

1. Worked as Assistant Professor in the department of mathematics in Deshbandhu College (University of Delhi) from August 2009 to August 2010.
2. Worked as Assistant Professor in the department of mathematics in PGDAV College (University of Delhi) from August 2010 to September 2010.
3. Working as Assistant Professor in the department of mathematics in Gargi College (University of Delhi) since September 2010.

8 Teaching Experience: Years

9 Area of Specialization: Machine Learning Techniques

Academic and Personal Information

10 Courses and Subjects Taught:

Pure Mathematics:	Real Analysis, Algebra, Linear Algebra, complex analysis
Applied Mathematics:	Differential Equations, Calculus, Linear Programming, Numerical Analysis
Computer Oriented:	Programming in Visual Basic, Discrete Mathematics, Computational Skills, Database Management System, Computer applications,

11 Areas of Interest:

Academic	Machine Learning, Graph theory, Cryptography, Algorithms, Real analysis
Non Academic	Sports, Played Chess at National Level Hindi Literature Social activities

12 TECHNICAL SKILLS

- **Programming Languages :** C, C++, LISP, PROLOG, HTML, JavaScript, Basic, Visual Basic, SQL, Java
- **Softwares :** MS-Office, FrontPage, MS-Access, MATLAB, Mathematica, Maxima, SPSS, Linux, Dreamweaver, Gambas, Adobe Photoshop, mySVM, Weka

PROJECTS

- Communication and Research Collaboration Network among Delhi University Teachers(ongoing project under innovation project 2015-16)
- Data Envelopment Analysis(DEA)
- Software Development for Fixed Dome type Biogas Plant
- Sequential and Linear Sequential Machines

WORKSHOP/TRAINING PROGRAMS AND SEMINARS

- Attended Faculty Development Program on “**Innovation- Key to Success**” held at *Bangalore School of Business*, on 29th January 2011.
- Participated in “**National Workshop on Application of Mathematics in Industrial Research**” organized by ‘*Department of Mathematics Lakshmbai College (University of Delhi)*’ during the period January 19-20, 2012.
- Participated RMS-UGTE Workshop in “**Number Theory and Cryptography**” organized by ‘*Department of Mathematics Lady Shri Ram For Women College (University of Delhi)*’ during the period Novmber 8-9, 2013.
- Attended “**Workshop on Mathematica**” Organized by Department of Mathematics ‘*Acharya Narendra Dev College(University of Delhi)*’ held on 1st March, 2013.
- Participated in “**Workshop on Foundation Course(Information Technology)**” organized by ‘*Centre for Professional Development in Higher Education, University*

of Delhi from 12 June 2013-14 June 2013.

- **“National Seminar on Ethical Dimensions of Governance”** during 15-16 Feb 2010 organized by ‘Deshbandhu College(E), University of Delhi, in the association with India International Centre, New Delhi’.
- Attended **“Workshop on Free and Open Source : MAXIMA”** Organized by Department of Mathematics ‘Acharya Narendra Dev College(University of Delhi)’ held on August 17, 2012.
- Attended **“Author Workshop”** organized by Springer & Edanz Group in the association with Jawaharlal Nehru University Central Library, JNU held on 27th august 2012.
- Attended **“MATLAB and Simlink Academic Tour 2013 of Math Works”** at Cluster Innovation Centre, University of Delhi on September 23, 2013.
- Participated in Symposium on **“Complex Systems: From Physics to Biology”** organized by School of Computational and Integrative sciences , JNU jointly with School of Physical Sciences, JNU held on October 15-16, 2013.

PUBLICATIONS AND PRESENTATION

- Developed Lesson **“Parametric Equations and Their Representations”** *Discipline Courses-I in Mathematics(Semester-I Paper: Calculus-I)* for FYUP under University of Delhi.
- Developed Lesson **“Countable and Uncountable Sets”** *Discipline Courses-I in Mathematics(Semester-II Paper: Analysis-I)* for FYUP under University of Delhi.
- **“Application of Neural Network in Information Retrieval”**, Journal of Advanced Computing and Communication Technologies (ISSN: 2347-2804), Volume No.2 Issue No.2, April 2014.
- Poster presentation in *“International Interdisciplinary Science Conference(I-ISC 2011) on Bioinformatics: An Interface between Computer Science and Biology”* organized by Centre for Interdisciplinary Research in Basic Sciences, JMI New Delhi held on 15-17 Nov 2011.
- Poster presentation in *“National conference on interdisciplinary approaches in chemical sciences-2015”* held on 16 Dec. 2015 organized by Centre for Interdisciplinary Research in Basic Sciences, JMI New Delhi.