


RESUME

Title (Ms./Mr./Dr/Prof)	Mr.	First Name	SANJAY	Last Name	KUMAR	Photograph
Designation	Assistant Professor (Ah-doc)					
Department	Mathematics					
Address (Official)	Department Of Mathematics Kalindi College, East Patel Nagar, University of Delhi New Delhi-110008					
Mob. No.	08800982887					
Email	sanjaykumar@kalindi.du.ac.in					
Education						
Subject		Institution			Details	
M.Phil. (Mathematics)		C.C.S. University Meerut (UP)			Second	
M.Sc. (Mathematics)		C.C.S. University Meerut (UP)			First	
B.Sc. (Physics, Chemistry, Mathematics)		C.C.S. University Meerut (UP)			Second	
National Eligibility Test for Assistant Professorship		Research Council of Scientific and Industrial				
Career Profile						
Organization/Institution		Designation		Duration		Role
Kalindi College, Delhi University		Assistant Professor		03.02.2024 to Till Now		Undergraduate Teaching
Kalindi college, Delhi University		Assistant Professor (Adhoc)		Jan 2013-February 2024		Undergraduate Teaching
Swami Shraddhanad College, Delhi University		Assistant Professor (Adhoc)		August-December 2012		Undergraduate Teaching
Mata Sundri College, Delhi University		Assistant Professor (Adhoc)		July-July 2012		Undergraduate Teaching
I P College For Women, Delhi University		Assistant Professor (Adhoc)		July 2011-May 2012		Undergraduate Teaching
Kamala Nehru College, Delhi University		Assistant Professor (Adhoc)		November2010-April 2011		Undergraduate Teaching
Research Interests/Specialization						

M.Phil. in Mathematics
 Topic- Sir Issac: Men, Myth, Discoveries

Administrative Assignments / Contribution to corporate life

1. Member, Admission Committee, May-June 2013.
2. Member, Examination Committee, Nov- Dec 2013 and May-June 2014.
3. Member, Shamiyana Committee, Lehren 2014, 2015, 2016, 2017, 2018.
4. Time Table of Department 2018-19.
5. Newsletter of Department 2018-19.
6. Member of Timetable committee 2019-20,2020-21,2021-22
7. Member of Disaster Management Cell 2022-23

Teaching Experiences (Subject/Courses taught)

Subjects:

Modern Algebra, Real Analysis, Calculus, Ordinary differential equations, Partial differential equations, Numerical Method etc.

Courses:

B.Sc.(H) Maths, B.A. (Prog), Physics (H), Physical science, Generic.

Practical:

Mathematica, Maxima, Matlab, Linex and HTML.

Ph.D.

Ph.D. (Pursuing)

Topic – Fixed Point Iteration Technique in Banach Space.

Publication (Peer Reviewed/Indexed Journals)

Year of Publication	Title	Journal (Name of the journal. Vol Issue ISSN)	First Author /Co-Author
2019	Elliptic Curve-based scheme	International Journal of Multidisciplinary Research and Development, Vol 6, ISSN 2349-4182	First Author
2019	Surface Plasmon resonance of cesium-gold Nano particles using quasi-static approximation	International Journal of Multidisciplinary Research and Development, Vol 6, ISSN 2349-4182	First Author

Seminar/Workshop/Conferences Presentation/Organization

1. Hands-on training program on “C and C++ Programming Language” at Kamala Nehru College, University of Delhi, Delhi (8 June to 15 June 2011).
2. A workshop attended on the “Building Mathematical Ability” Organized by University of Delhi, (17 July 2013).
3. A National Seminar attended on the “Youth Adventure and Nation Building-The Way Forward” at SGTB Phalsa College, University of Delhi (21 May 2015).
4. A 7th International Conference on “Quality, Reliability, Infocom Technology and Business Operations” at Conference Centre, University of Delhi (28-30 December, 2015).
5. State Level Seminar attended on the “MATHEMATICS AND ITS APPLICATIONS" at Kamala Nehru College, University of Delhi (4 March,2016).
6. A National Workshop attended on “LATEX AND WEBSITE DESIGNING” at Shaheed Bhagat Singh College, University of Delhi (11-12 August, 2016).
7. A National Conference on “Algebra, Analysis, Coding and Cryptography” at Department of Mathematics, University of Delhi (14-15 October, 2016).
8. A workshop attended on the “Skill Development Workshop on Latex and Statistical Techniques” Organized by Kalindi College, University of Delhi (24-25 October, 2016).
9. A National Seminar attended on the “Recent Developments in Mathematics” at Kalindi College, University of Delhi (12-13 January, 2017).
10. A National Seminar attended on the “National Workshop on Mathematics Modeling and Computational Techniques using Mathematica” at Zakir Husain College, University of Delhi (30-31 March, 2017).
11. A workshop attended on the “Vedic Mathematics” Organized by Department of Mathematics, Kalindi College, University of Delhi held on (29 October-1 November 2018).
12. Attended “Faculty Development Programme (FDP) on Advancements in Integrated Science : Learning & Adaptation for Effective Teaching & Research” Organized by Department of Physics, Chemistry, Mathematics & IQAC, Shyamlal College, University of Delhi held on 10-16 December 2018.
13. Seminar attended on the “CAREER COUNSELLING” Organized by Department of Journalism, Kalindi College, University of Delhi held on 27 Feb 2018.
14. A 9th International Conference on “Quality, Reliability, Infocom Technology and Business Operations” at Conference Centre, University of Delhi (27-29 December, 2018).
15. The Interdisciplinary Faculty Development Programme on on "**Advances in Sensing, Information Flux and Security**" organized by Amity School of Engineering & Technology, Amity University Patna during **August 2-6, 2021**.
17. The Interdisciplinary Faculty Development Programme on “**MOOC’s, E-Content Development, Research Methodology and Statistical Tools in Open Education World**”, organized by Kalindi College, University of Delhi, in collaboration with Mahatma Hansraj

Faculty Development Centre Hansraj College, University of Delhi was held during 03 August-17 August 2021 at Kalindi College, University of Delhi.

18. The Interdisciplinary Faculty Development Programme on on "National Education Policy 2020: Perspectives & Challenges" organized by Mahatma Hansraj Faculty Development Centre, Hansraj College during **January 24-31, 2022.**

Awards & Distinctions

Qualified for NET in CSIR-UGC (NET) Examination (December 2009)

Public Service/ University Service/ Consulting Activity

Members of Adopt a Plant of Tree, Kalindi College, University of Delhi

Projects (Major Grants / Collaborations)

I have completed four research projects (College Level)

1. Application of Group Theory. Year 2017-18
2. Processing Management of Plastic Product. Year 2018-19
3. Study on Differential Equation in Daily Life. Year 2019-21.
4. Life Insurance Corporation of India. Year 2021-22

Other Details

“Basic Algebra” Dr. Anju Gupta, Dr. Abhishek Kumar Singh, Sanjay Kumar, Ravi Kumar, Shree Kala Prakashan, ISBN 81-86038

SANJAY KUMAR