

RESUME

Title (Ms./Mr./Dr/Prof)	Mr.	First Name	SANJAY	Last Name	KUMAR	Photograph
Designation	Assistant Professor					
Department	Mathematics Teacher In-charge , Department of Mathematics					
Address (Official)	Department of Mathematics Kalindi College, East Patel Nagar, University of Delhi New Delhi-110008					
Mob. No.	08800982887					
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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)	November 2010-April 2011	Undergraduate Teaching

Research Interests/Specialization			
Pure Mathematics			
Administrative Assignments / Contribution to corporate life			
1. Core Committee, Admission, Kalindi College, 2013-14. 2. Core Committee, Examination, Kalindi College, 2013-14 3. Member, Shamiyana Committee, Lehen 2014, 2015, 2016, 2017, 2018. 4. Member, Newsletter, Department of Mathematics, 2019-20 5. Editor, Newsletter, Department of Mathematics, 2022-23, 2023-24 6. Member, Timetable committee, Department of Mathematics, 2018-19, 2019-20, 2020-21, 2021-22 7. Member of Disaster Management Cell 2022-23, 2023-24, 2024-25, 2025-26 8. Society Convener, Department of Mathematics, 2023-24 9. Member, Garden Committee sports, Kalindi College, 2023-24 10. Member, Purchase Committee sports, Kalindi College, 2023-24 11. Core Committee, Examination, Kalindi College, Nov-Dec 2023-24 12. Deputy Superintendent, Examination Committee, Kalindi College, May-June 2023-24 13. Co-convener, Purchase Committee, Kalindi College, 2024-25, 2025-26 14. Teacher incharge, Department of Mathematics, 2025-26 15. Convener, Admission, Kalindi College, 2025-26			
Teaching Experiences (Subject/Courses taught)			
Subjects: Algebra, Real Analysis, Calculus, Ordinary differential equations, Partial differential equations, Numerical Method, Optimization etc. Courses: B.Sc.(H) Mathematics, B.A. (Programme), B.Sc. Physical science, Generic Elective. Practical: Mathematica, Maxima, MATLAB, Linex and HTML, LaTeX.			
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	First Author

		Development, Vol 6, ISSN 2349-4182	
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. Mathematics & IQAC, Shyam Lal College, University of Delhi held on 10-16 December 2018. Attended “Faculty Development Programme (FDP) on Advancements in Integrated Science: Learning & Adaptation for Effective Teaching & Research” Organized by Department of Physics, Chemistry.
13. Seminar attended on the “CAREER COUNSELLING” Organized by Department of Journalism, Kalindi College, University of Delhi held on 27 Feb 2018.

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

19. Four Week Faculty Induction/Orientation Programme for faculty in University/ Colleges/ Institutes of higher Education organized by Teaching Learning center Ramanujan college University of Delhi under the aegis Ministry of education Malaviya Mission Teacher Training Programme, 21 February-19 March 2024.

20. Five-Day Faculty Development Programme on “**DISASTER RISK MANAGEMENT**” organized by Disaster Management Cell, Kalindi College, University of Delhi in Collaboration with National Institute of Disaster Management (NIDM) Ministry of Home Affairs, Govt. of Delhi, 20 May- 24 May 2024.

21. Member in organizing committee of Five-Day Faculty Development Programme on “**DISASTER RISK MANAGEMENT**” organizing by Disaster Management Cell, Kalindi College, University of Delhi in Collaboration with National Institute of Disaster Management (NIDM) Ministry of Home Affairs, Govt. of Delhi, 20 May- 24 May 2024.

22. One Day Workshop on “Machine Learning With R” organized by Department of Mathematics P.G.D.A.V. College New Delhi 16 November 2024.

23. Faculty Development Programme on faculty in “**NEP 2020 Orientation & Sensitization Programme**” organized by Malaviya Mission Teacher Training Programme of university Grants Commission, Centre for Professional Development in Higher Education (UGC-MMTTC), University of Delhi, 08 October- 17 October 2024.

24. Two Week Faculty Interdisciplinary Refresher Course in “**RECENT ADVANCEMENTS IN MATHEMATICS, STATISTICS & COMPUTER SCIENCE**” organized by Malaviya Mission Teacher Training Centre, Central University of Delhi South Bihar, Gaya under Malaviya Mission Teacher Training Programme of University of Grads Commission, 14 October-26 October 2024.

25. Faculty Development Programme on faculty in “**NEP 2020 Orientation & Sensitization Programme**” organized by Malaviya Mission Teacher Training Programme of university Grants Commission, Mahatma Hansraj College Malaviya Mission Teacher Training Programme Centre, Hansraj College, university of Delhi in collaboration with Kalindi College, University of College, 03 March-11 march 2025.

26. Member in organizing committee of Two-Day National Conference on “**Punyasloka Ahilyabai: Empowering Society Value, Virtues Compassion and Leadership**” organized by Department of History in

Collaboration with Bharatiya Itihas Sankalan Yojana Samiti, Delhi Prant, and Study Circle, Kalindi College, University of Delhi, 03 February- 4 February 2025. 27. Member in organizing committee of National Seminar on “topic Sustainable Startup: Integrating Tradition Knowledge with Innovation” organized by IBSD committee Kalindi College in collaboration with IQAC Kalindi College, University of Delhi, 17 February 2025.
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 five 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. Application Cryptography, Year 2019-21. 5. Marketing Research & Management. 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