


Title	Prof. /Dr./ Mrs. /Ms. /Mr.	First Name	SURESH KUMAR	Last Name	YADAV	Photograph
Designation	Assistant Professor					
Address (Campus)	Dept. of Mathematics, Vivekananda College (University of Delhi) Vivek Vihar, Delhi-110095					
(Residence)	Rohini, Delhi					
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Web-Page						
Educational Qualifications	M.Sc. , M.Tech. and PhD(Pursuing) NET+JRF					
Degree	Institution			Year		
M.Tech.	Indian Institute of Technology Madras, Chennai			2012		
M.Sc.	Choudhary Charan Singh University Meerut, U.P.			2006		
B.Sc.	Choudhary Charan Singh University Meerut, U.P.			2004		
Career Profile						
Designation			Duration			
Assistant Professor			Since 2012			
Administrative Assignments: Appointed as an Observer in NEET Entrance Exam -2021 Appointed as an Observer in CUET Entrance Exam -2021 Appointed as an Observer in HPSC Exam -2022 Teacher-in-Charge May 2025 till Present						
Subjects Taught: Numerical Methods, Differential Equations, Advanced Differential Equations, Advanced Linear Algebra, Partial Differential Equations, Integral Equations and Calculus of Variations, Calculus and Matrices, Linear Programing Problems, Introduction to Graph Theory, Elements of Real Analysis, Multivariate Calculus, Probability and Statistics, Analytical Geometry, Discrete Mathematics, Linear Algebra, Calculus, Number Theory etc.						
Research Guidance: Guiding three UG - 4 th Year Student						
Publications profile: 1. R. Rama, Suresh Badarla, Kalpana Mahalingam & Suresh Kumar Yadav “Self Assembly of Graphs on Edges” <i>IJMS</i> , Vol. 11, No. 3-4, (July-December 2012), pp. 307-316, ISSN: 0972-754X.						

2. Swadesh Pratap Singh Shakya, **Suresh Kumar Yadav**, Pankaj Kumar, Yograj Singh, Kuldeep **“Part-of-Speech (POS) Tagging Using Maximum Entropy Model”** IJARCSSE, Volume 4, Issue 6, June 2014, pp. 295-304, ISSN: 2277 128X.
3. Pankaj Kumar, Monika Dhariwal, **Suresh Kumar Yadav**, Gajraj Singh **“Software Process Improvement: Influence Factors-Problem, Cause, Solution”** IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p- ISSN: 2278-8727 Volume 16, Issue 3, Ver. VII (May-Jun. 2014), PP 74-78
4. Man Singh, Sham Bansal, Ashish Kumar Garg, Mohammad Amir, Jarrar Ahmed, **Suresh Kumar Yadav “Kernel-Based Clustering: A Comparative Study”** IJSR Vol.3, Issue 4, 2014, ISSN (Online): 2319-7064

Conference organization/Presentations/Workshop/Seminar/Webinar/FDP etc. (in the last three years):

Sl. No.	Name of Course attended	Sponsoring Institution	Duration From____ to____
1	National Conference on Advances in Mathematics	Hans Raj College, University of Delhi, Delhi	07-08 March 2014
2	Teacher Enrichment Workshop on ODE,PDE & Linear Algebra	North Cap University Gurgaon	19-24 Dec 2015
3	RMSUGTE workshop on Group Theory and Its Application	Deshbandhu College University of Delhi, Delhi	07-09 Feb 2014
4	RMSUGTE Programme on Number Theory and Cryptography	Lady Sri Ram College, University of Delhi, Delhi	08-09 Nov 2013
5	Predictive Mathematical Methods for Science and Engineering	NIT Kurukshetra	24-25 March 2013
6	Science of Positive Thinking	NIT Kurukshetra	16 March 2013
7	1-Day Workshop on Digital Learning” Roll of Technology in Learning” Under the aegis of IQAC,	Ramjas College, University of Delhi, Delhi	25 Sept 2018
8	CSTT Three days National Seminar on “Graphs, Networks, Applications of Mathematics in Computation, Engineering, Bioinformatics and Social Sciences”	JNU, Delhi	12-14 March 2018
9	National Workshop on Science and Technology in Ancient India(NSWSTAI-2017)	Dept. of Sanskrit, Zakir Husain Delhi College, University of Delhi, Delhi	17 – 24 April 2017
10	International Conference on Mathematics and Applications (ICMA),	Department of Mathematics Ramjas College, University of	26-28 April 2017

		Delhi,	
11	Workshop on “emerging Computational Methods for Science and Engineering Application”	IIIT Noida	15-16 March 2019
12	Participated in Teacher enrichment Workshop on “Algebra and its Applications”	Shivaji College, University of Delhi, Delhi	06-11 May 2019
13	Faculty Development Programme on “Fundamentals of Intellectual Property Rights”	Hansraj College, University of Delhi, Delhi	23-25 Jan 2020
14	CSTT Workshop on “Emerging Trends in Mathematical Science for Industry and Environment: Use of Technical Hindi Terminology”	Shaheed Bhagat Singh College, University of Delhi, Delhi	27-29 Jan 2020
15	One week online Faculty Development Programme (FDP) on “Moodle Learning Management System”	Atal Bihari Vajpayee University Bilaspur(C.G.)	12-17 May 2020
16	Attended Webinar on “Cyber Security for Women”	Lakshmibai College, University of Delhi, Delhi	8 May 2020
17	Attended International Webinar on “Recent Trends of Teaching in Mathematics in Present Situations”	Govt. P.G. College, Pipariya Hoshangabad MP	14 May 2020
18	Attended Webinar on “Understanding The Corona Virus: Some Good News”	Kalindi College, University of Delhi, Delhi	5 May 2020
19	One week National Faculty Development Programme and online Training on “Moodle Learning Management System”	Spoken Tutorial Project, IIT Bombay and Shah & Anchor Kutchhi Engineering College Mumbai	25-30 April 2020
20	Completed Moodle Test for Teachers	Shah & Anchor Kutchhi Engineering College Mumbai	2 May 2020
21	Attended Webinar on “Graph Theory & Petri Nets Applications”	Shyama Prasad Mukherji College for Women, University of Delhi, Delhi	1 May 2020
22	Attended Webinar on “Current Trends in Information Technology”	Bharti College, University of Delhi, Delhi	15 May 2020
23	Attended Webinar on “NAAC: Systematic Data Organization and Presentation”	Vidyalankar Institute of Technology, Mumbai	16 May 2020
24	Attended Webinar on “Impact of	Inspira Research	15 May 2020

	COVID-19 on Global Economy”	Association(IRA) Jaipur& Indian Accounting Association (IAA) Jaipur	
25	Attended Webinar on “Transformative Power of Mentoring”	Shyama Prasad Mukherji College for Women, University of Delhi, Delhi	9 May 2020
26	One week Faculty Development Programme on “La TeX & Xfig	A.N. College Patna	11-17 May 2020
27	Attended Webinar on “An Insight into Online Teaching-Learning and the Journey of Zero”	Vivekananda College, University of Delhi, Delhi	18 May 2020
28	Participated in “R Training”	BIT Mesra	16 May 2020
29	Participated in online Webinar on “Project Based Learning: A Different way to Explore Engineering”	School of Engineering and Technology Central University of Haryana, Mahendragarh	28 May 2020
30	Participated in Webinar on “Mathematics: Role Challenges and Opportunities by Dr. Z.K. Ansari”	Faculty of Eng. & Tech. Madhyanchal Professional University Bhopal	8 may 2020
31	Attended International Webinar on “How Bharat Perceives India: A Jurisprudential Insight	Campus Law Centre, Faculty of Law University of Delhi	21-23 May 2020
32	Online AICTE Recognized Faculty Development Programme on “Modeling and Simulation using MATLAB	Mechanical Engineering Department, NITTTR Chandigarh	18-22 May 2020
33	Attended 12 Days Faculty Development Programme on “SCILAB(Scientific Laboratory)	A.N. College Patna	22 May to 02 June
34	Attended Webinar on “Careers in Mathemaics”	R. K. Talreja College of Arts Science & Commerce, Ulhasnagar- 3	6 June 2020
35	Online AICTE Recognized Faculty Development Programme on “Role of Teachers and Educational Institutes in Unnat Bharat Abhiyan(UBA)	Rural Development Department NITTTR Chandigarh	18-22 May 2020
36	Participated in Webinar on “R Software”	University Department of Mathematics, TMBU Bhagalpur	6-7 June 2020
37	Participated in Webinar on “Future of Education Post Covid”	TMH Delhi	18 June 2020
38	Attended Three Days CSTT National Webinar on “National Webinar on Applications of	School of Computational and Integrative Sciences,	14-16 June 2020

	Mathematics and Contemporary use of its Scientific & Technical Terminology in Hindi”	JNU Delhi	
39	A Five Days National Faculty Development Programme on “Skill Development for Effective Research and Teaching – Learning Process”	Dept. of Elec. & Comm. Eng.ANITS Visakhapatnam	8-12 June 2020
40	Online AICTE Recognized Faculty Development Programme on “Evaluation & Setting of Question Papers”	Education and Educational Management Department NITTTR Chandigarh	25-29 May 2020
41	One week Faculty Development Programme on “E- Content Development in Teaching”	Saraswati Kala Mahavidyalaya Dahihanda, Akola	4-10 June 2020
42	Attended Webinar on “Cyber Security”	Dept. of Mathematics Shaheed Bhagat Singh College, University of Delhi, Delhi	26 June 2020
43	Attended Faculty Development Programme on “E- Content”	VIT Mumbai	25 June 2020
44	One week Faculty Development Programme on “Modern Educational Tools and Pedagogical Practices for Online Teaching	VIT Mumbai	21-25 June 2020
45	Attended Quality Improvement Programme on “Tool and Techniques in Writing Quality Research Work”	Atal Bihari Vajpayee University Bilaspur(C.G.)	5 July 2020
46	Attended Webinar on “Relevance of Mathematics in Today’s Fast Changing World”	Motilal Nehru College(Evening) University of Delhi, Delhi	18 June 2020
47	Online Faculty Development Programme on “Advance Optimization Techniques and hands on with MATLAB/SCILAB”	Ministry of Electronics and Information Technology(MeitY), Government of India	13-24 July 2020
48	Attended Faculty Development Programme (FDP) on “Application of Mathematics”	Karunya Institute of Technology and Sciences Coimbatore	20-24 July 2020
49	Attended National Webinar on “An overview of Cryptography: From Classical to Quantum and Post Quantum”	Mahatma Gandhi Central University Bihar	18-19 July 2020
50	Attended Webinar Series (Basics) on “Transforming Teaching	PGDAV College University of Delhi,	23-25 July 2020

	Learning Process using ICT Tools”	Delhi	
51	Attended International Conference (online) on “Recent Trends in Mathematics and its Applications to Graphs, Networks and Petri Nets(ICRTMA-GPN-2020)”	School of Computational and Integrative Sciences, JNU Delhi	20-24 July 2020
52	Attended One - Week Online “Research Methodology Workshop”	School of Business and Management Studies Central University of Haryana, Mahendragarh	3-9 July 2020
53	Attended National Webinar on “Data Analysis and Statistical Computing	Dept. of Statistics, Institutes of Social Sciences Dr. Bhimrao Ambedkar University Agra	27 May 2020
54	Attended Two Days CSTT National Webinar on “ Use of Scientific Terminology in Higher Education”	ABES Engineering College Ghaziabad	21-22 July 2020
55	Attended National Webinar on “New Education Policy: Provisions, Challenges & Strategy”	Dayanand Subhash National College Unnao	17 August 2019
56	TEQIP – III Sponsored Five Days Faculty Development Programme on “Application of Optimization Techniques in Science and Engineering”	RTU Kota & BIET Pilani	23-27 August 2020
57	7 Days Online National Workshop on “NAAC: Seven Assessment Criteria for Accreditation”	Govt. Post Graduate College Bilaspur Rampur UP	2-8 August 2020
58	Attended Two Days International Conference (online) on “Emerging Trends in Vedic Mathematics & Application in Science, Technology and Social Sciences Research(ETVM-ASTSSR-2020)”	Special Centre for E-Learning, JNU Delhi	16-17 August 2020
59	TEQIP – III Sponsored Online Faculty Development Programme on “Recent Pedagogy and ICT Tools in Teaching and Research”	NIT Utrakhand & IIT Roorkee	27-31 August 2020
60	Five Days TEQIP – III Sponsored Workshop on “Magical Mathematics and Optimization”	RTU Kota & VIT Jaipur	21-25 Sept 2020
61	Attended Workshop on “Teaching Pedagogy”	NITTR Chandigarh	9-10 March 2024
62	Successfully Completed “Four	Ramanujan College,	21 February 2024 to

	week faculty Induction/orientation Programme for Faculties in Universities/Colleges/Institute of Education”	University of Delhi, Delhi	19 March 2024
63	Successfully Completed Two Week Refresher Course in Mathematics titled “Foundation Course in Vedic Mathematics”	Ramanujan College, University of Delhi, Delhi	31 March 2024 to 12 April 2024
64	Successfully Completed “NEP Orientation and Sensitization Programme”	SGTB Khalsa College University of Delhi, Delhi	16 April 2024 to 26 April 2024
65	Successfully completed the Faculty Development Program on “Ancient Indian Mathematics” Indian Knowledge System(IKS) Division of Ministry of Education, Govt. of India, New Delhi in Collaboration with Aryabhatta College, University of Delhi	Aryabhatta College, University of Delhi, Delhi	1st July 2024 to 7th July 2024
66	Participated in Two Day National Conference on “Aging in Digital Era: Navigating Social Change and Beyond	IQAC & Dept. of Applied Psychology Vivekananda College, University of Delhi, Delhi	30 Sept. to 1 st October 2024
67	Participated in International Conference on “Fostering Global Perspectives: Entrepreneurship, Inclusion, and Innovation for Sustainable future”	Vivekananda College, Delhi & DME Management School & College of Business, University of Buraimi	12-13 February 2025
68	Successfully completed Online Short term Programme on “Research Methodology and Data Analytics: Tools for Skilled”	Under MM-TTP, UGC organized by MM-TTC: Ramanujan College & ZHDC, University of Delhi, Delhi	15 th - 22 nd April 2025
69	Successfully completed one week Faculty Development Program on “Cryptography and Information Security”	Under MM-TTP, UGC organized by MH-MMTTC Dept. of Mathematics Hansraj College, University of Delhi, Delhi	10 th July – 16 th July 2025
70	Participated in One Day Training Programme on “Evaluation Scheme for Academic Track in Fourth Year – NEP UGCF Framework”	NEP Committee Vivekananda College, University of Delhi	16 th October 2025
71	Successfully completed one week Faculty Development Program on “Recent Trends in Mathematics and its Applications for Sustainable Development”	Dept. of Applied Mathematics, Delhi Technological University, Delhi	1 st -5 th December 2025

72	Presented the paper entitled “A Fuzzy Approach to EOQ Models for Deteriorating Items: Theory and Applications” in the International Conference on Mathematical Analysis and Its Applications (ICMAA-2025)	Dept. of Mathematics, Faculty of Mathematical Sciences, South Asian University, New Delhi	22 nd – 24 th December 2025
Research Projects (Major Grants/Research Collaboration)			
Awards and Distinctions: Qualified in GATE – 2009, 2010 and 2011 Qualified UGC-CSIR NET+JRF in June 2010			
Other Activities: Teacher-in-Charge May 2025 till Present Co-Convener of College Admission Committee for 2024 -25 and 2025 - 26 Member of Fee Concession/Student Aid/ Scholarship Committee for 2024 -25 and 2025– 26 Worked in many times in University Paper Setting Worked many times as Internal/external Examiner in Practical Examinations			