

Curriculum Vitae

Name		Dr. Raksha Verma	
Designation		Assistant Professor	
Address	Office	Department of Mathematics, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi, Delhi, 110096	
	Residence	C/O Sh. Rameshwar Singh, Quarters No. F-937, Type III, Timarpur, Delhi, 110054	
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Educational Qualifications			
Degree	Subjects	Institution	Year
B.Sc.	Mathematics	University of Rajasthan, Jaipur	2004
M.Sc.	Mathematics	University of Rajasthan, Jaipur	2006
M.Phil.	Mathematics	Alagappa University, Karaikudi	2007
B.Ed.	Mathematics	Kurukhetra University, Haryana	2014
NET/SET	Mathematics	RPSC, Rajasthan	2015
Ph.D.	Mathematics	S.R. University, Alwar, Rajasthan	2018
Experience			
10Years			
Career Profile			
<ol style="list-style-type: none"> 1. Assistant professor (Ad-hoc) Kaishav Mahavidayala, DU, Delhi from 16/07/2008 - 22/07/2008 2. Assistant professor (Ad-hoc) Mata Sundari College for Women, DU, Delhi from 23/07/2008 - 21/05/2012 3. Assisant professor (Ad-hoc) Shaheed Rajguru College of Applied Sciences for Women from 01/08/2016 to 6/10/2022 4. Assistant Professor (Permanent) Hansraj college university of Delhi 07/10/2022 			



Techniques/Expertise
<ol style="list-style-type: none"> 1. Mathematica 2. Matlab 3. MS office 4. LaTeX 5. HTML
Subjects Taught
<ol style="list-style-type: none"> 1. Linear algebra 2. Abstract algebra 3. Business mathematics and Statistics 4. Elementary algebra 5. Statistical methodology 6. Algebra and calculus 7. Differential equations 8. Cryptography 9. Ring theory
Publications Profile
<ol style="list-style-type: none"> 1. Verma R., Parihar R. S., Das S., Deepti Aggarwal (2017). A Generalized Framework for Multi Up-gradation Software Reliability Growth Model. <i>CDQM- An International Journal</i>, 20 (1), 5-15. 2. Verma R., Parihar R. S., Das S., (2017). Multi-Up gradation Software Reliability Growth Model considering the joint effect of Testing and Operational phase. <i>International Journal of Computer Applications (0975 – 8887)</i>, 172(5), 25-30. 3. Verma, R., Parihar, R. S., Das, S., (2018). Modeling Software Multi-Up gradations with Error Generation and Fault Severity. <i>Accepted in International Journal of Mathematical Engineering & Management Science</i>. 3(4), 429-437. 4. Verma, R., Jain, V.K., Yadav, M.K., (2012). A plane symmetric cosmological model in general relativity. <i>Journal of Rajasthan Academy of Physical Sciences</i>.11 (4), 391-396. 5. Verma, R., Jain, V. K., Yadav, V. K. (2012). Bianchi type III string universe with time dependent term. <i>Adhikar an international refreed journal</i>. (9) 21-25. 6. Verma,R.,Kumari,Anjali,Anand.Adarsh,Yadavalli,V.S.S.(2022)Revising Shift Cipher Technique for Amplified Data Security.<i>Journal of Computational and Cognitive Engineering</i>.00(00)1-7. 7.

Presentations /Conference attended

1. Presented a paper entitled “Multi-upgradation and software reliability growth modeling” in 7th international conference on Quality Reliability And Infocom Technology and Business Operation held on 28th -30th December 2015 at University of Delhi, Delhi
2. Presented a paper entitled “Quantitative assessment of software reliability” in 3rd international conference on Emerging Trends in Engineering and Management Research held on 30th July 2017 at IETE, Pune.
3. Presented a paper entitled “software reliability and multi up-gradation modeling” in 2nd international conference on Recent Research Development in Environment, Social sciences and Humanities held on 6th August 2017 at IFUNA, New Delhi.
4. Conference attended entitled “Dream Realization of Swachh Bharat Abhiyan Through Innovative and Smart Technologies for Waste Management and Pollution Control” held on 16th-17th, December 2017 at Sunrise University, Alwar, Rajasthan
5. Attended a workshop entitled " Nanotechnology: Emerging frontiers and application held on 30-31 January 2017 at Shyam Lal college University of Delh.

Faculty Development Program

1. Attended a two weeks faculty development program on “Data Analysis by Software Packages” organized by Department of Statistics, Hindu College, University of Delhi, held on 12-24 December 2018.
2. Attended one week FDP entitled "Badalta Bhartiya Paridrishya :Sahitya, sanskriti, sanchar Aur Manovigyan" by TLC center, Ramanujan College, University of Delhi from 22nd May to 28th May 2020.

Webinars

1. Attended a national webinar entitled " Enable higher education in India: Challenges and Opportunities" by GADTLC, Khalsa College, DU, on April 15, 2020.
 2. Attended a Webinar entitled "Healthy Mindset For A Better Tomorrow" by Department of Microbiology, Shaheed Rajguru College of Applied Sciences for Women, DU, on April 24, .2020.
 3. Attended a webinar entitled "Internet of things (IoT) Applications in Smart Agriculture:Issues, Challenges and Solutions" by Department of Computer Science,
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Shaheed Rajguru College, DU, on April 24, 2020.

4. Attended a national webinar entitled "Roles of Teachers in Technology driven Higher Education"" by GADTLC, Khalsa College, DU, on April 25, 2020.
5. Attended a national webinar entitled "Online Teaching and Learning Technology" by ARSD College, DU on April 27, 2020.
6. Attended a national webinar entitled "Towards Excellence in Higher Education in India in the 21st Century: Challenges and Opportunities" by GADTLC, Khalsa College DU, on April 29, 2020.
7. Attended a national webinar entitled "Challenges & Opportunities before Indian Higher education due to Covid-19" by Prof. Ved Prakash" by GADTLC, Khalsa College, DU on May 2, 2020.
8. Attended a national webinar entitled" Media aur Anuvad: Vartman Paridarshaya" by Ramanujan College, DU, on 4 May, 2020.
9. Attended a national webinar entitled "Understanding the Coronavirus: Some Good News" by Kalindi College, DU on May 5, 2020.
10. Attended a Webinar entitled. "Revival of Economy Post COVID-19" by Department of Management, Shaheed Rajguru College of Applied Sciences for Women, DU, on May 5, 2020.
11. Attended a national webinar entitled "Challenges and Opportunities in Higher Education in India for the 21st Century" by GADTLC, Khalsa College, DU on May 8, 2020.
12. Attended a Webinar entitled "Digital Media and Your Privacy" by Department of Microbiology, Shaheed Rajguru College of Applied Sciences for Women, DU, on May 8, 2020.

Covid-19 Quiz Certificates

1. Coronavirus Disease (COVID-19) Awareness Quiz, by Department of Biotechnology, TERI School of Advanced Studies, New Delhi, 25th May, 2020.

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Signature
