

Dr. SANGEETA

Ph.D. from Delhi Technological University, Delhi

Total Experience: 17 Years

Teaching: 13 Years

Research: 4 Years

UGC-NET- JRF qualified in 2013

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OBJECTIVE

Intend to build career with a leading organization having a good learning environment along with a team of committed & dedicated people, which will help me to explore myself and realize my potential.

ACADEMIC QUALIFICATIONS

- ❖ **Ph.D. from Delhi Technological University, Delhi in June 2020.**
- ❖ **UGC NET-JRF** qualified in Dec 2013.
- ❖ **Master of Technology in Computer Science & Engineering, M.D.U. Rohtak, August 2006- July 2008, Grade A-(85%).**
- ❖ **Bachelor of Engineering in Information Technology, M.D.U. Rohtak, Sept 2002 – June 2006, Percentage 72.3%.**
- ❖ **Schooling: Class 10+2, CBSE May-2001, Percentage 65.8%%.**
- ❖ **Schooling: Class 10, CBSE May-1999, Percentage 74.6%.**

WORK EXPIENCE

- ❖ **Associate Professor, MSIT Janakpuri**
1 September 2023 to Till now.
Pay Scale=37400-67000+9000 (AGP)
- ❖ **Assistant Professor, MSIT Janakpuri**
12 March 2021 to Till now.
Pay Scale=15600-39100+6000(AGP)
- ❖ **Assistant Professor, MSI Janakpuri**
27th August 2018 to 10 March 2021.
Pay Scale=15600-39100+6000(AGP)
- ❖ **Assistant Professor,**
Vaish College of Engineering, Rohtak.
01st Jan 2010 to 18th Aug 2014.
Pay Scale= 15600-39100 + 6000

❖ **Lecturer****Vaish College of Engineering, Rohtak.**18th Aug 2008 to 31st Dec 2009

Pay Scale= 8000-275-13500

ACHIEVEMENTS

Research Papers : **46**
 M. Tech. Thesis Guided : 11
 Patents/Copyright : **05**
 Books : **02**

AREA of INTEREST

Reliability Modeling and Soft Computing
 ML, AI, DBMS
 Operating System

List of Paper published in Journals

S. No	Authors	Title	Journal	ISSN No
1	Sangeeta, Sitender, Kapil Sharma and Manju Bala	New failure rate model for iterative software development	Automated Software Engineering	09288910, 15737535
2	Sitender, Seema Bawa, Munish Kumar and Sangeeta	A comprehensive survey on machine translation for English, Hindi and Sanskrit languages	Journal of Ambient Intelligence and Humanized Computing	1868-5145 (Online)
3	Vikram Rajpoot, Lalit Garg, M. Zahid Alam, Sangeeta	Analysis of machine learning based LEACH robust routing in the Edge Computing systems	Computers and Electrical Engineering	0045-7906.
4	Sangeeta, Kapil Sharma and Manju Bala	An Ecological Space Based Hybrid Swarm-Evolutionary Algorithm for Software Reliability Model Parameter Estimation	International Journal of System Assurance Engineering and Management.	09764348, 09756809

5	Sangeeta and sitender	Comprehensive Analysis of Hybrid Nature-Inspired Algorithms for Software Reliability Analysis	Journal of Statistics & Management Systems	0972-0510
6	Sangeeta, Sitender et al.	Bioactivity, Chemical and Functional Characterization of Karaya Gum Sterculia	Neuro Quantology	1303-5150 (Online)
7	Sangeeta, Kapil Sharma and Manju Bala	Reliability Analysis and Modeling of Green Computing Based Software Systems”	Recent Patents in Computer Science, June 2019	2666-2558E-ISSN:2666-2566
8	Sitender , Sangeeta	Operating Machines using Facial Expressions	Design Engineering toronto 0011-9342	00119342
9	Sitender , Sangeeta	Analyzing twitter data on COVID-19 Vaccines	Design Engineering Toronto	00119342
10	Sangeeta, Sitender	A Critical review of software reliability assessment	PalArchs journal of Archaeology of Egypt Egyptology	1567-214X (Online)
11	Sangeeta, Sitender	A new environmental factor based modeling: an approach to software reliability assessment	Journal of Solid State Technology	0038111X
12	Sangeeta, Kapil Sharma and Manju Bala	A Quantitative Testing Effort Estimate for Reliability Assessment of Multi Release OSS Systems	Journal of Computational and Theoretical Nano-science	ISSN: 1546-1955 (Print): EISSN: 1546-1963 (Online)
13	Sangeeta, Kapil Sharma and Manju Bala	Magnetic Navigation based Optimizer: A New Optimization Algorithm for Software Reliability Model Parameter Estimation	Journal of Advanced Research In Dynamical and Control Systems	1943-023X
14	Dr Sitender and Dr Sangeeta	Pulmonary Fibrosis: A computer Vision for Medical Screening	Journal of Fundamental and comparative Research	2277-7067

15	Sangeeta Verma , Sangeeta Malik , Deepak Goyal, Dr. Pankaj Gupta	Secured Congestion Control in WSN	International Journal of Computer Science and Management Studies (IJCSMS)	2231-5268
16	Sangeeta Verma, Sangeeta	Modified secure Congestion Aware Routing Protocol	International Journals of Engineering, Science & Mathematics (IJESM)	2320-0294
17	Aruna Berwal,Pankaj Gupta,Deepak, Sangeeta	Collision Avoidance using Hopfield Neural Network in WSN	International Journal of Engineering, Applied and Management Sciences Paradigms	2320-6608 (Online) Jr no.- 42582
18	Sachin Minocha , Deepak Goyal , Sangeeta Malik	Sybil Attack Detection and Recovery using Immune Collaboration Model in WSN	International Journal of Engineering Sciences Paradigms and Researches	2319 – 6564 Jr no. 42581
19	Manupriya, Sangeeta, Pankaj Gupta, Deepak Goyal	Detection of Network Layer Attacks in MANET'S using AODV	International Journal of Computer Science and Management Studies (IJCSMS)	2231-5268
20	Sachin Minocha, Deepak Goyal , Sangeeta Malik	AIS in WSN: A review	International Journal of Computer Science and Management Studies (IJCSMS)	2231-5268
21	Monika Malik , Sangeeta Malik , Pankaj Gupta	A Distance Vector Based Approach to place Stable Link in Mobile Networks	International journal of sciences	2305-3925 2410-4477
22	Preeti Goyal, Sangeeta Malik	Detection of Distributed Reflection DoS by using Rank Correlation	International Journal of Computer Science and Mobile Computing	2320-088X
23	Meena Kumari , Sangeeta Malik , Deepak Goyal , Pankaj Gupta	An Improved Leach Protocol to Enhance Network Life Time	International journal of sciences	2305-3925 2410-4477

24	Radhika, Sangeeta, deepak goyal	An Agent Based Approach to Avoid Selfish Node Dynamically in Mobile Networks	IJCSMS	2231-5268
25	Sangeeta Malik, Sitender Malik	Improving security and Enhancing Energy Efficiency in Routing for WSN	IJCST	0976-8491 (Online) 2229-4333 (Print)
26	Manisha Kumari, Mrs. Sangeeta	GSA based routing in MANET	International Journal of Computer Science and Mobile Computing	2320-088X
27	Preeti Goyal, Sangeeta Phogat and Deepak Goyal	A Rank Correlation Based Detection against Distributed Reflection DoS Attacks	International Journal of Computer Science & Management Studies	2231-5268
28	Sangeeta, Manupriya	A probabilistic analysis approach for reliable transmission in MANET	International Journal of Advanced research in Computer Science and Software Engineering	ISSN 2277- 128X (Online)
29	Monika Malik , Sangeeta Malik , Pankaj Gupta	A dynamic stable link placement approach to improve network throughput	Journal Of Sciences	2305-3925 2410-4477
30	Simpy Ahlawat, Sangeeta Malik, Deepak Goyal	A Locally Repaired AODV Protocol for Secured Transmission using Cryptography Approach in MANETs	International Journal of Engineering, Applied and Management Sciences Paradigms	ISSN 2320- 6608 (Online) Jr No. 42582