

Professional Qualifications:

- Ph.D. in Computer Science & Engg. from Mewar University, Chhitorgarh, Rajesthan in the field of “Architectural Framework for the Development of Utility-Oriented Cloud with Application Service Behavior Prognostication”.
- M.Tech in Computer Science & Engineering from NSIT, Delhi University (2003).
- AMIETE equivalent to B.E.(Electronics & Telecommunication) from Institute of Electronics and Telecommunication Engineers, Lodhi Road, New Delhi.
- Honors Diploma in System Management of duration one & half years from NIIT.

Teaching Experience (in Years): 19+ Years

Subjects of Interest: Machine Learning, Distributed Systems, Software Engineering, Object Oriented Systems Design and analysis of Algorithms, Databases, Artificial Intelligence. C Language, Digital Logic & Design.

Academic achievements:

1. International Journals (6)

- Paper titled “*An Advanced Survey on IAAS Architecture in a Utility Cloud*” been published in the International Journal of Education and Science Research volume 1 issue 1February, 2014 **E-ISSN 2348-6457**.
- Paper titled “*A Strategic Model to Enhance the Vertical Scalability in Cloud Environment*” has been published in International Journal of Advanced Research in Computer Science and Software Engineering ISSN: 2277 128X volume 4 issue 4 April 2014.
- Paper titled “*Management of Services, Network And Environment In A Utility Cloud*” has been published in the International Journal of Engineering Research & Management Technology ISSN: 2348-4039, volume 3 issue 1, January 2016.
- Paper titled “*Variability in Behavior of Application Service Workload in a Utility Cloud*” has been published in International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 volume 5 issue 6 June 2017.
- Monika Sainger, Dr. K. P. Yadav “*Framework for Application Service Behavior Prognostication with Cost-Effective Provisioning In a Utility Cloud*” in International Journal of Engineering Research and Application ISSN : 2248-9622, Vol. 8, Issue3, (Part -3) March 2018 pp.15-22.
- Monika Sainger, Dr. Sarvottam Dixit, “*Impact of Prognostication Framework on Server Performance*” in International Journal of Engineering Research & Management Technology ISSN: 2348-4039, Volume-5, Issue-4 July-2018.

2. International / National Conferences (6)

- Paper titled “*Vulnerability Analysis*” published in national conference on Computing for National Development INDIACOM 2009 at Bharati Vidyapeeth Institute of Computer Applications & Management. in Feb,2009.
- Paper titled “*Logical Knowledge – A step towards Intelligence*” published in the national conference on Emerging trends in S/W and N/W Technologies ETSNT09 at Amity University, Noida in 26th April,09.
- Paper titled “*Proactively Analyzing your Expert System – Vulnerability Analysis*” has been accepted for publishing in the national conference on Information & S/W Engineering NCISE2010 being organized by IEEE Computer Society Madras Chapter at A.V. Institute of Technology, Chennai to be held on 26th & 27th Feb, 2010.
- Paper titled “*Stumbling Blocks in Implementing the Knowledge*” has been published in the national conference on Advances in Knowledge Management NCAKM’10 at Lingaya’s University, Haryana held on 8th & 9th March, 2010 .
- Paper titled “*Coupling of Rules and Ontologies for Interfacing with RDFs*” has been published in the national conference on HPCA2010 at Banaras Hindu Vishwavidyalaya, Varanasi held on 8th & 10th Feb, 2010 .

- Paper titled “*Contextual Knowledge Representation in Semantic Web*” has been published in the national conference on Emerging Trends in Information Technology & Communication Systems NCET2010 at Velammal Engineering College, Chennai held on 5th March, 2010 .

3. *Book Published*

- Monika Sainger, Dr. K. P. Yadav, “Artificial Intelligence”, VSRD Academic Publishing, 2018