

Professional Qualifications:

- Ph.D from Jawaharlal Nehru University, New Delhi, India.
- M.Tech (Computer Engineering), DAVV, Indore.
- B.E. (Computer Engineering), SGSITS, Indore.

Work Experience (in Years): (25 years)

Industry Experience: 9 years

Teaching Experience: (University Teaching) 16 years

Courses Taught

Undergraduate: Java Programming, Computer Networks, Information Security, Introduction to Information Technology, Server Side Technologies, Internet Computing.

Postgraduate: Advance Computer Networks, Enterprise Computing Techniques, Software Requirement and Estimation, Object Oriented Analysis and Design, Java Programming, Operating System Concepts, Ecommerce.

Research Interest

Grid and Cloud Computing, Virtualization, Security of Digital Payments, Information Security, Evolutionary Computing, Security-aware Scheduling.

Academic achievements:

1. International Journals

- 1) Kashyap, R., Vidyarthi, D. P. (2016), "A Secured Real Time Scheduling Model for Cloud Hypervisor," International Journal of Cloud Applications and Computing, Volume 6, Issue 4 October-December 2016, **A I F: .64**.
- 2) Kashyap, R., Vidyarthi, D. P. (2013), "Security Driven Scheduling Model for Computational Grid using NSGA-II," Journal of Grid Computing, Springer, Volume 11, No 1, 2013, **I F: 1.31**.
- 3) Kashyap, R., Vidyarthi, D. P. (2013), "Dual Objective Security Driven Scheduling Model for Computational Grid using GA," IAENG International Journal of Computer Science , Volume 39 Issue 1, 2013, pp. 71-79, **H Index: 4**
- 4) Kashyap, R., Vidyarthi, D. P.(2012), "Security-aware Scheduling Model for Computational Grid," Concurrency and Computation: Practice & Experience, Wiley, Volume 24, Issue 12, August 2012, Pages 1377-1391, **IF:1.322**
- 5) Kashyap, R., Vidyarthi, D. P. (2011), "Weight-balanced Security-aware Scheduling for Real-time Computational Grid," Int. J. Grid and Utility Computing, Vol. 2, No. 4, Inderscience publications, 2011, pp. 313-325. ISSN: 1741-847X, **H index-6, SNIP: 0.745**.
- 6) Kashyap, R., Vidyarthi, D. P. (2009), "A Security Prioritized Computational Grid Scheduling Model: An Analysis," International Journal of Grid and High Performance Computing, IGI Global, 1(3), July-September 2009, pp. 73-84. ISSN: 1938-0259. ,**H Index: 2, SNIP: 0.230**.

2. International Conferences

- 1) Kashyap, R., Mishra, M., Louhan, P(2016). "Economy Driven Real-time Scheduling for Cloud" at 10th IEEE International Conference on Intelligent Systems and Controls(ISCO-2016), 7-8 Jan, **Coimbotore, India**. Published in the conference proceedings by IEEE Computer Society (CS) Press and included in IEEE Xplore.

- 2) Kashyap, R., Vidyarthi, D. P.(2014) "Security-aware Real-time Scheduling for Hypervisors" at 17th IEEE Computational Science and Engineering(CSE 2014), Dec 2014, **Chengdu, China**. Published in the conference proceedings by IEEE Computer Society (CS) -ISBN: 978-1-4799-7981-3/14 pp; 1520-1527
- 3) Kashyap, R., Vidyarthi, D. P. (2011) Security-Driven Scheduling Model for Computational Grid using Genetic Algorithm, Lecture Notes in Engineering and Computer Science: Proceedings of The World Congress on Engineering and Computer Science 2011, WCECS 2011, 19-21 October, 2011, **San Francisco, USA**, pp 382-387 (Best Paper Award).
- 4) Kashyap, R., Vidyarthi, D. P. (2010) " Weighted Deadline Driven Security Aware Scheduling for Real time Computational Grid." at OWASP, American Web Applications Security Conference (IBWAS'10),16-17 December 2010, **Lisbon, Portugal**. Proceedings published with ISBN-13 978-1-937087-00-5.
- 5) Kashyap, R., Vidyarthi, D. P. (2009) "A Security Prioritized Scheduling Model for Computational Grid" in International conference at HPC Asia March 2-5, 2009 **Kaohsiung,Taiwan**.

Consultancy Projects:

Prof. Dr. V. K. Singh(Principal Investigator) & **Prof R. Kashyap(Co-Investigator)**, on "*Big Data Analysis Using High Performance Modelling and Simulation Techniques*". AKTU (Vishveswarayya Research Promotion Scheme) Funding amt: **Rs 4.58 Lakhs**, Year-2016

Faculty Development Program/STTP/workshop Organized:

- Kashyap,Rekha (2017). Convener of one week faculty development programme, on Cryptography and Algebraic Coding Theory, at Inderprastha engineering college, Ghaziabad sponsored by AKTU, from 14th to 18th March 2017.
- Kashyap, Rekha., (2016). Convener of one day IT Summit, Innotech, organized by LBSIM at Lal Bahadur Shastri Institute of Management, Delhi on March 6th, 2016.
- Kashyap, Rekha., (2015). Convener of one day IT Summit, Innotech, organized by LBSIM at Lal Bahadur Shastri Institute of Management, Delhi on 21st March , 2015.
- Kashyap, Rekha., (2009). Cyber Security: An Intellectual Challenge. IT Summit, joint convener, organized by LBSIM at Intercontinental Eros, New Delhi October 18,2009
- Kashyap Rekha (2009), One week Workshop-Introduction to Java and Web Development using WSAD, organized under IBM Academic Initiative Program, LBSIM, Delhi, October 19, 2009.
- Kashyap Rekha (2004), One week Workshop-Introduction to Java and Web Development using WSAD, organized under IBM Academic Initiative Program, IET, DAVV, Indore, 2004.
- Kashyap Rekha (2004), One week Workshop-Enterprise Application Development using WSAD, organized under IBM Academic Initiative Program, IET, DAVV, 2004.
- Kashyap Rekha (2002), Workshop- Application Development using Visual Age for Java, organized under IBM Academic Initiative Program, IET, DAVV, Indore, 2002.
- Kashyap Rekha (2002), Workshop- Enterprise Application Development using Visual Age for Java, organized under IBM Academic Initiative Program, IET, DAVV, Indore, 2002.

Faculty Development Program/STTP/workshop attended:

- Kashyap Rekha (2015). Faculty Development Workshop: IBM , using BigInsights- workshop on Big Data Analytics, Lal Bahadur Shastri Institute of Management, Delhi, Dec 21st to Dec 24th, 2015.
- Kashyap Rekha (2015). Faculty Development Workshop: IBM CE, using Cognos BI- workshop on Descriptive Analytics, Lal Bahadur Shastri Institute of Management, Delhi, Nov 18th to Nov 21st, 2015.
- Three days International Conference: 13th IEEE International Symposium on Pervasive Systems, Algorithms, and Networks (I-SPAN), Chengdu, China, 2014.
- Kashyap Rekha (2013). Faculty Development Workshop: Case Method: teaching, writing, research, Lal Bahadur Shastri Institute of Management, Delhi, June 22, 2013.
- Kashyap Rekha (2011). ISO 9001:2008 Awareness Training Program, TUV India. October 21, 2011, LBSIM, Delhi.
- Kashyap Rekha (2009). “Software Risk Management”, AICTE Sponsored Staff Development Programme on “Theoretical Foundations for Computer Science”. Lal Bahadur Shastri Institute of Management, Delhi, July 22, 2009.
- Three days International Conference: The World Congress on Engineering and Computer Science (WCECS), San Francisco, USA, 2011.
- Three days International Conference: American Web Applications Security Conference (IBWAS 10), Lisbon, Portugal, 2010.
- Three days International Conference: High Performance Computing (HPC Asia), Kaohsiung, Taiwan, 2009.
- International Conference on Methods and Models in Computer Science, Dec. 14-15, 2009, Jawaharlal Nehru University, New Delhi.
- Kashyap Rekha (2009). “Software Risk Management”, AICTE Sponsored Staff Development Programme on “Theoretical Foundations for Computer Science”. Lal Bahadur Shastri Institute of Management, Delhi, July 22, 2009.
- National Conference on Methods and Models in Computing, Dec. 7-8, 2008, Jawaharlal Nehru University, New Delhi.
- Three days Workshop: Developing Applications for Garuda (DAG 07), National Grid Computing Initiative organized by CDAC at Jawaharlal Nehru University, Delhi, 2007.
- National Conference on Methods and Models in Computing, Dec. 13-14, 2007, Jawaharlal Nehru University, New Delhi.
- National Conference on Methods and Models in Computing, Dec. 18-19, 2006, Jawaharlal Nehru University, New Delhi.
- One week Workshop: e -science:Computational Grid Infrastructure and Scientific and Engineering Applications, At, IIT Delhi, 2004.
- Three weeks Workshop: Open Source Program under IBM University Program, IBM Research Lab, IIT, Delhi, 2003.

- One week Workshop: Enterprise Application Development using Visual Age for Java by IBM, D.A.V.V., Indore, 2002.
- One week Workshop: Application Development using Visual Age for Java by IBM , D.A.V.V., Indore, 2002.
- One day Conference: Emerging Technologies and Women”, Shri G.S. Institute of Technology and Science, Indore, 2002

Honors and Awards Received:

- Best Paper Award of International Conference on Internet and Multimedia Technologies 2011, held on 19-21 October, 2011 at San Francisco, USA, for paper entitled "Security-Driven Scheduling Model for Computational Grid using Genetic algorithm”.
- Delivered a Session on “Creating World Class Products Through Emerging Technology for, Make in India” during National Summit -2015 on Make in India: Innovation, Integration and on April 7, 2015, Indore
- Appointed as reviewer for Journal of Grid Computing, Springer.

Supervisory support provided:

1. No. of M Tech Thesis Guided: Completed: 10 Ongoing: 0

Membership of professional Societies:

- Life member of Indian Society for Technical Education, New Delhi, Membership No.
- Member of ACM, Membership No. 4177962.
- Member of IEEE, Membership no. 80396990.
- Member of International Association of Engineers (IAENG), Membership no. 114364.
- Member in International Program Committee of World Congress on Engineering and Computer Science (WCECS) ,The International Conference on Internet and Multimedia Technologies (ICIMT), 22-24 October, 2014, San Francisco, USA.
- Member in International Program Committee of International Summit on Bio-Metrics and Smart Government, Jan 18-20, 2015, Sousse, Tunisia