

Professional Qualifications:

- **Doctor of Philosophy (Thesis Submitted)**

On topic “An Engineering Framework to Implement Security in Software System”, Under the guidance of Prof. Daya Gupta

From Department of Computer Science and Engineering
Delhi Technological University, Delhi

- **Masters in Engineering (2007 – 2009)**

Delhi College of Engineering, Delhi
Specialization: Computer Technology and Application

- **Bachelor of Technology (2003 – 2007)**

Ajay Kumar Garg Engineering College, Ghaziabad
UP Technical University, Lucknow.
Specialization: Information Technology

Research Interest: Software Engineering, Security Engineering

Teaching Experience (in Years):

- 3 + Years (Regular Teaching in Engineering Colleges)
- 4+ Years (As Guest Lecturer in Engineering College)

Subjects Taught: Data Compression, Software Engineering, Software Project Management, Operating System, Computer Concepts and Programming, Computer Organization, Multimedia.

Academic achievements:

- **International Journals (3)**

1. **Shruti Jaiswal**, Daya Gupta, “Security Engineering Methods: In-Depth Analysis”, *International Journal of Information and Computer Security*, Vol. 9, No. 3, 2017, pp. 180-211.
2. **Shruti Jaiswal**, Daya Gupta, “Engineering and validating security to make cloud secure”, *International Journal of System Assurance Engineering and Management*, 2017, pp. 1-23, DOI: 10.1007/s13198-017-0612-x.
3. **Shruti Jaiswal**, Daya Gupta, “Measuring Security: A step towards Enhancing Security of System”, *International Journal of Information Systems in the Service Sector (IJISSS)*, IGI Global (accepted).

- **International Conferences (7)**

1. Aanchal Punia, Daya Gupta, **Shruti Jaiswal**, “A perspective on available security techniques in IoT”, *IEEE International Conference On Recent Trends in Electronics Information Communication Technology*, May 19-20, 2017, India.
2. **Shruti Jaiswal**, Daya Gupta, “Security Requirements for Internet of Things (IOT)”, *In: Modi N., Verma P., Trivedi B. (eds) Proceedings of International Conference on Communication and Networks. Advances in Intelligent Systems and Computing*, vol 508., 2017, Springer, Singapore, pp. 419- 427.
3. Daya Gupta, **Shruti Jaiswal**, Prudence Kadebu, “Big Data: Security Engineering Framework”, *in Proceedings of Software Engineering Research Practices, 2015*, pp. 262-268.
4. **Shruti Jaiswal**, Daya Gupta, “Security Requirements Engineering: A Challenge for Cloud System”, *in Proceedings of ‘Second International Conference on Emerging Research in Computing, Information, Communication and Applications’(ERCICA-14), Elsevier*, pp. 114-121.
5. Daya Gupta, Kakali Chatterjee, **Shruti Jaiswal**, A Framework for Security Testing. *In: Murgante B. et al. (eds) Computational Science and Its Applications – ICCSA 2013. ICCSA 2013. Lecture Notes in Computer Science*, vol 7973. Springer, Berlin, Heidelberg, pp. 187-198.
6. Daya Gupta, **Shruti Jaiswal**, Anupriya Tewari, “Security Requirement Engineering: Analysis and Prioritization”, *in Proceedings of Software Engineering Research Practices SERP- 2013*, pp. 292-298.
7. **Shruti Jaiswal**, Daya Gupta, “Security Requirement Prioritization”, *in Proceedings of Software Engineering Research Practices -2009*.

Faculty Development Program/STTP/workshop Organized:

- Organizing member of a two-day workshop on ‘Recent Advances in Software Engineering’ at Department of Computer Engineering, Delhi Technological University, Delhi, April 20-12’2012.
- Served as Mentor of Society of Software Engineering- Delhi Technological University (SSE-DTU) Student Council 2011-12.

Faculty Development Program/STTP/workshop attended:

- Attended one week TEQIP- II Sponsored Faculty Development Program on *Advances in Information Security (AIS- 2016)*, at *Delhi Technological University*, Delhi, India, January 18-22, 2016.
- Presented the paper “*Security Requirements Engineering: A Challenge for Cloud System*”, at ‘*Second International Conference on Emerging Research in Computing, Information, Communication and Applications*’(ERCICA-14), Bangalore, India, August 1st-2nd 2014
- Attended AICTE recognized Short Term Course on *Cloud Computing through ICT*, conducted by National Institute of Technical Teachers Training and Research (NITTTR) Chandigarh, at *Delhi Technological University*, Delhi, India, 29th July’2013 to 2nd August 2013.
- Attended one day International Author Workshop conducted by Springer abd Edanzat Indra Ghandi National Open University, New Delhi on 25th January’ 2013.
- Successfully completed One day ISO 9001:2008 and ISO 14001:2004 Awareness Training Program, July 21st, 2009.

Honors and Awards Received:

- All India Rank **259** in **Gate 2007** in Information Technology

Membership of professional Societies:

- Member of International Association of Engineers (IAENG)