

# Shruti Jaiswal

## Professional

- **Doctor of Philosophy (At advance stage)**  
On topic “A Methodology for Security Mechanism in Information System Development”, 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

## Work Experience

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

## Courses Taught

- Taught subjects like Data Compression, Multimedia, Computer Concepts & Programming in C, Software Engineering, and Operating System.
- GATE Qualified, done **full teaching assistantship for 2 years** and granted with scholarship during M.E. I have taken labs of various subjects of B Tech student as a part of teaching assistantship.

## Achievements

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

## Research Interest

- Software Engineering, Security Engineering

## **List of Publications**

### **• International Journal**

1. **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).
2. **Shruti Jaiswal**, Daya Gupta, “**Security Engineering Methods: In-Depth Analysis**”, International Journal of Information and Computer Security, Inderscience Publisher (In Press).

### **• International Conference**

3. **Shruti Jaiswal**, Daya Gupta, “**Security Requirements for Internet of Things (IOT)**”, ‘ComNet- 2016 Issues and Challenges with IOT Revolution’, published in ASIC series by **Springer**.
4. Daya Gupta, **Shruti Jaiswal**, Prudence Kadebu, “**Big Data: Security Engineering Framework**”, in SERP-2015.
5. **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), published in **Elsevier** proceedings.
6. Daya Gupta, Kakali Chatterjee, **Shruti Jaiswal**, “**A Framework for Security Testing**”, in ICCSA- 2013, published by Springer-Verlag in Lecture Notes for Computer Science.
7. Daya Gupta, **Shruti Jaiswal**, Anupriya Tewari, “**Security Requirement Engineering: Analysis and Prioritization**”, in SERP- 2013.
8. **Shruti Jaiswal**, Daya Gupta, “**Security Requirement Prioritization**”, in SERP-2009.

## **Participation and Organization of Conferences, Seminars, Workshops**

1. Attended one week TEQIP- II Sponsered Faculty Development Program on *Advances in Information Security (AIS- 2016)*, at *Delhi Technological University*, Delhi, India, January 18-22, 2016.

2. 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 1<sup>st</sup>-2<sup>nd</sup> 2014
3. Attended AICTE recognised 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, 29<sup>th</sup> July’2013 to 2<sup>nd</sup> August 2013.
4. Attended one day International Author Workshop conducted by Springer and Edanzat Indra Gandhi National Open University, New Delhi on 25<sup>th</sup> January’ 2013.
5. 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.
6. Served as Mentor of Society of Software Engineering- Delhi Technological University (SSE-DTU) Student Council 2011-12.
7. Successfully completed One day ISO 9001:2008 and ISO 14001:2004 Awareness Training Programme, July 21<sup>st</sup> 2009.

### **Extra Curricular Activities**

- Coordinator of Tech Fest - 2011 of Dronacharya College of engineering.
- Convener of Decoration Committee of Farewell- 2011 function at Dronacharya College of Engineering
- Actively took part in **Sports and Cultural activities** at school level
- **Silver Medal** in Rangoli Competition in **College Annual Festival, 2005**
- Participated in **Exhibition** during **College Annual Festival, 2005**
- Participated in **Mass Awareness Campaign against CANCER** in **2000**.
- Attended **Scouting Camp** during **(1997-1999)**