

## **Dr. Priti Srinivas Sajja**

**Qualification:** Ph.D., M.Sc (Computer Science)

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### **Affiliation :**

**Professor:** PG Department of Computer Science, S P University, Vallabh Vidyanagar.

**Director:** University Granth Nirman Board, Gujarat : December 2014 onwards  
(Committee formed by Hon'ble Governor on the recommendation of Hon'ble Chief Minister)

### **Summary of Scholastic and Research Activities:**

- Working with the P G Department of Computer Science since 1994. Earlier worked with HPCL, AMUL, NDDDB, and IRMA Anand.
- More than **216** research publications including **9** books, **13** chapters, **89** international journal papers with other **105** publications at national and international level. Visit <http://pritisajja.info/> for further information. Her book on knowledge based system is used as textbook in more than **12 countries** at various levels.
- Google scholar citations are **864** with **h index 12** and **i10 index 15**.
- She is contributed in computer science textbooks of standard 9 and 10 by Gujarat State Board of School Textbooks, Gandhinagar, Gujarat, India.
- Guided **8** Ph D and **3** M.Phil (Computer Science) students and presently guiding 7 National/International Ph. D. (Computer Science) students.
- Completed two major research projects by **UGC** (10 Lacks) and **DST(Indo-Russian)**.
- Member in editorial board of many international science journals – including Springer, Elsevier; and served as program committee member for various international conferences at USA, Bulgaria, Netherland, Italy, France, Thailand, China, Norway, Spain, Portugal and Mauritius, etc. beside India.
- She is serving as board of studies member in the field of computer science at Texila American University at international level and many other universities at national and state level.
- Got 6 best research paper awards at national level/state level conference.

### **Five Keywords Reflecting Areas of Scholastic/Research Activities:**

Artificial Intelligence, Big Data, Neural Network, Fuzzy Logic and Genetic Algorithms,  
Systems Analysis and Design

### **Recent Publications:**

#### **Books:**

- Sajja, P.S. “Essence of systems analysis and design: A workbook approach”, **Springer** International Publishing, Singapore (Aug’17)
- Akerkar R.A. and Sajja, P.S. “Intelligent techniques for data science”, **Springer** International Publishing, Switzerland (Nov’16)

#### **Chapters:**

- Sajja, P.S. and Akerkar, R.A. “Deep learning for big data analytics”, in Hema Banati, Shikha Mehta and Parmeet Kaur (Eds.), Nature-Inspired Algorithms for Big Data Frameworks, Chapter 1, pp.1-21, IGI Global Book Publishing, Hershey, PA, USA (Sep’18)
- Sajja, P.S. and Trivedi, J.A. “Personalized neuro-fuzzy expert system for determination of nutrient requirements”, in Chintan Bhatt & S.K. Peddoju (Eds.), Cloud Computing Systems and Applications in Healthcare, IGI Global Book Publishing, Hershey, PA, USA (Oct’16)

#### **Papers:**

- Dave, P.R. and Sajja, P.S. “Classifying sequences of market profile using deep learning”, International Journal of Computer Sciences and Engineering, vol.6, no.9, pp.480-485 (Sep’18) impact factor 3. UGC No. 63193. ISSN: 2347-2693.