

Dr. Priti Srinivas Sajja

Qualification: Ph.D (AI, 2000), M.Sc (Computer Science, 1993)

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Affiliation :

Professor: PG Department of Computer Science & Technology, S P University, Vallabh Vidyanagar (Since 1994).

Director: PG Department of Computer Science & Technology, S P University, Vallabh Vidyanagar (Since 2023).

Director: University Granth Nirman Board, Gujarat: December 2014 to Jan 2018)
(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 & Technology since 1994. Earlier worked with HPCL, AMUL, NDDDB, and IRMA Anand.
- More than 234 research publications including **10** books, **18** chapters, **99** international journal papers with other **107** 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 1636 with **h index 16 and i10 index 28**.
- She has contributed to computer science textbooks of standard 9 and 10 by Gujarat State Board of School Textbooks, Gandhinagar, Gujarat, India.
- Guided **10** 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 member of board of studies in computer science at Texila American University at the international level and many other universities at national and state levels.
- Got 11 best research paper awards at national level/state-level conference. She is a recipient of the Sardar Patel Research Award four times. Further, she has been conferred the Lifetime Achievement Award from the National Foundation for Entrepreneurship Development for her indomitable academic services and scholarly activities

Five Keywords Reflecting Areas of Scholastic/Research Activities:

Artificial Intelligence, Machine Learning, Neural Network, Fuzzy Logic and Genetic Algorithms, Systems Analysis and Design

Recent Publications:

Books:

- Sajja, P.S. “Illustrated computational intelligence: Examples and applications”, **Springer** International Publishing, Singapore (Nov’20)
- Sajja, P.S. “Essence of systems analysis and design: A workbook approach”, **Springer** International Publishing, Singapore (Aug’17)

Chapters:

- Saiyad, S. and Sajja, P.S. “Empirical analysis of static and dynamic stopword generation approaches”, in Tuba, M., Akashe, S., Joshi, A. (Eds.), *ICT Systems and Sustainability, Lecture Notes in Networks and Systems 321*, pp.149-156, Springer, Singapore (Jan’22)
- Sajja, P.S. and Akerkar, R.A. “Fuzzy ontology for requirements determination and documentation during software development”, in *Information Resources Management Association (Ed.), Research Anthology on Agile Software, Software Development, and Testing, Chapter 37*, pp.726-745, IGI Global Book Publishing, Hershey, PA, USA (Nov’21)

Papers:

- Sajja, P.S. and Mishra, R. “Effective selection of entities from heterogeneous and large resources using a cooperative neuro-fuzzy system: A case of fast moving consumer goods”, *International Journal of Systems Dynamics Applications*, vol.11, no.1, pp.1-17 (Sep’22)
- Sajja, P.S. “Hybrid genetic fuzzy system for modeling consumer behavior”, *International Journal of Business Intelligence Research*, vol.13, no.1, pp.1-15 (Jan’22)
- Sajja, P.S. “Hybrid computational intelligence system for fashion design: A case of genetic-fuzzy systems with interactive fitness evaluation”, *International Journal of System Dynamics Applications*, vol.11, no.6, pp.1-16 (Sep’21)