



**Mr. Lolla Sreedhar**

Associate Professor

Computer Science Engineering

**Department**

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**Academic Background**

M. Tech (AI & Robotics)– Andhra University Engineering College. (A)

B.Tech (Electrical & Electronics Engineering)– Andhra University Engineering College. (A)

Mr. L. Sreedhar has two decades of teaching experience, three years of Research and one year of Industrial experience. He has taken various subjects related to EEE, also DBMS, CO, Computer Applications in Pharmacy, DLD and has been proficient in teaching subjects like Neural Networks and Fuzzy Logic.

He has published 8 papers in various journals, and 2 papers in Conferences.

He has published 1 text book in the field of NN and FL.

He is a Life member of various professional groups like ISTE and Institution of Engineers (India).

He has attended around 26 FDPs, Seminars, and Workshops.

**Research Interests:**

Electrical Control Systems, AI, Robotics, NN, and ES.

**Publications:**

1. M.S.Prasad Babu, L. Sreedhar, Dr. Rammurthy. *Hematology Expert System Using Rule Based Mechanism* in International Journal of Computer Science Engineering and Technology (IJCSET) April 2011, 2231-0711 Volume 1, Issue 3, 103-106
2. Srikanth M, Sreedhar L, M.V. Suresh Kumar. *Digital PI Controller Using Anti-Wind-Up Mechanism for A Speed Controlled Electric Drive System* in International Journal of Innovative Technology and Exploring Engineering (IJITEE) June 2013, 2278-3075 Volume-3, Issue-1
3. Srikanth M, Sreedhar L, Madhu Chandra *Dynamic Simulation of Robust Sensor less Speed Measurement in IM Using MRAC against Variations in Stator Resistance and Rotor-Time Constant*, in International Journal of Engineering and Advanced Technology (IJEAT) June 2013 2249 – 8958 Volume-2, Issue-5
4. Srikanth M, Sreedhar L, M.V. Suresh Kumar. *Nonlinear Digital PID Controller for Position Controlled Electric Drive Systems* in International Journal of Emerging Science and Engineering (IJESE) June 2013 2319–6378 Volume-1, Issue-8
5. S.L. Prasanna, L. Sreedhar

*Application Of Energy Storage Devices for Uninterruptable Power Supply For Wind Energy Conversion System in International Journal of Engineering Development and Research (IJEDR) Dec 2014, 2321-9939 Volume 1 , Issue 3*

6. M.Anusha, L. Sreedhar.

*Fault mitigation with Reduced Battery Energy Storage FL Controlled Z-Source DVR for Induction Motor Applications in International Journal of Scientific Engineering and Technology Research (IJSETR) March 2016 2319-8885 Vol.05, Issue.06 Page1058-67*

7. Ch.Sowjanya, L. Sreedhar.

*Fuzzy Based UPQC with Different Injecting Devices for Voltage Injection in International Journal of Scientific Engineering and Technology Research (IJSETR) March 2016 2319-8885 Vol.05, Issue.06 Page 1075-80*

8. L. Sreedhar, N Aditya Sundar,  
Ch D Naidu, D Raghavendra.

*Random Forest Algorithm- An application to enhance Air Quality in International Journal of Research in Electronics & Computer Engineering (IJRECE) April-June, 2019 2348-2281 online, Vol. 7. Issue 2*

3. Received Gold Medal for 100% results in all the subjects taught in 1999, for Engg. Diploma Students from *State Minister for Electricity*, in S.B.S. Polytechnic, Bhimavaram.

4. Received Merit Certificate 'Best Faculty' of EEE Department, on Teachers Day, 5th Sept. 2013, in PCET, Visakhapatnam.

### **Achievements:**

1. A TEXT BOOK ON "**NEURAL NETWORKS & FUZZY LOGIC**" with ISBN No:978-93-5014-270-7,2012 Edition (Available on Amazon Platform.)

2. Received Special Memento from *Padmabhushan* Dr. B.V.Raju for achieving State Best Results in Diploma Engg. Subjects taught in 1988.