

Faculty Profile



Name: Dr. L. LAKSHMI

Designation: Associate Professor

Teaching Areas: Data Structures, Design and Analysis of Algorithms, Operating Systems, C, Python, Machine Learning,

Research Interests: Machine Learning, Deep Learning and Data Science

Education:

- Ph.D (CSE), JNTU, Anantapur, 2018.
- M.Tech(CS), JNTU, Hyderabad, 2012.
- B.Tech(CSE), JNTU, Hyderabad, 2002.

Research / Selected Publications:

Journals: Total-30

1. T.Subetha, P.Kayal, L.Lakshmi, S.L. Aruna Rao “Applied-behavioural analysis therapy for autism spectrum disorder students through virtual reality” in International Journal of Computational Vision and Robotics, Indexing: Scopus
2. L.Lakshmi and M.Purushotham Reddy, “Smart Phishing Detection in Web Pages using Supervised Deep Learning Classification and Optimization Technique ADAM”, in Wireless Personal Communications. Indexing: SCI
3. L. Lakshmi, M. Purushotham Reddy, A. Praveen and K.V.N. Sunitha, “Identification of Diabetes with Recursive Partitioning Algorithm using Machine Learning”, in International Journal on Emerging Technologies, 11(3), 2020, 867-872, Indexing: Scopus

Conferences: Total -4

1. L.Lakshmi, A.Naga Kalyani, G.Naga Satish “People Count from Surveillance Video using Convolution Neural Net”, in INDIA-2022 Conference
2. L.Lakshmi, and A.Naga Kalyani, “The preeminence of fog computing and IoT enabled cloud systems in healthcare”, in 3rd international conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2021), 2021, pp.905-912. Indexing: Scopus & IEEE.

Books: Total-2

1. **Book Title: Data Structures through C,Editors:** L.Lakshmi, B.Madhura Vani and N Chandra Sekhar Reddy,**Publisher:** Hi-Tech, **ISSN/ ISBN N:** 978-81-298-0115-9
2. **Book Title: Basic Principles of Object-Oriented Analysis and Design with UML, Editors:** K.Archana, N Chandra Sekhar Reddy and L.Lakshmi. **Publisher:** Hi-Tech, **ISBN-13:** 978-8192703107

Patents: Total -8

1. An intelligent transportation Road Accident Prediction and Prevention (RAPP) Device, Application No: 202141061897
2. A decentralized Privacy-preserving Multi-Instance Iris Authentication Device (DPMIAD), Application No: 202141019089

Funded Projects: Total -1

Project under **Department of Science and Technology-Women Scientist Schema A (DST-WOS-A)** entitled “Dynamic Navigation of query results based on concept hierarchies using improved distance rank algorithm” with fund of 20,90,000.