

Ms. P.Jayalakshmi, M.E., (Ph.D).,

Assistant Professor,

**Department of Computer Science and Engineering, SRMIST, Ramapuram
Campus, Chennai.**



Mail id: jayalalp@srmist.edu.in

Ms.P.Jayalakshmi is working as Assistant Professor in the Department of CSE at SRMIST, Ramapuram campus. She is doing a Ph.D degree in the field of Edge Computing in SRM Institute of Science and Technology from 2021. She has 14 years of teaching experience with good programming skills. She is also certified in various courses from NPTEL, Coursera and Great Learning. She has published more than 10 articles in National and International Journals, Conferences and Symposiums.

Area of Research:

Edge Computing, Cloud Computing

Selected Publications:

- 1.A Hybrid Artificial Bee Colony and Harmony Search Algorithm-Based Metaheuristic Approach for Efficient Routing in WSNs, Jayalakshmi, P., Sridevi, S., Janakiraman, S. Wireless Personal Communicationsthis link is disabled, 2021, 121(4), pp. 3263–3279
- 2.Cognitive Based Approach for Intellectually Disabled Person Gnanavel, V.K., Sivasankar, C., Nandhini, V., Jayalakshmi, P., Veeramalai, S.2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022, 2022
- 3.GUI Base Prediction of Heart Stroke Stages by Finding the Accuracy using Machine Learning Algorithm Gnanavel, V.K., Sukanya, R., Mercy, H., Jayalakshmi, P., Veeramalai, S. 2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022, 2022
- 4.Brain tumor identification using deep learning, Saranya, C., Priya, J.G., Jayalakshmi, P., Pavithra, E.H. Materials Today: Proceedings, 2022
5. An integrated & unique approach for preventing malicious attacks on android internals Jayalakshmi, P., Vineeth, R., Teja, R.S.Journal of Advanced Research in Dynamical and Control Systems, 2020, 12(5 Special Issue), pp. 230–238

6. An efficient tagged visual cryptography for color images Shiny, R.M., Jayalakshmi, P., Rajakrishnammal, A., Sivaprabha, T., Abirami, R. 2016 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2016, 2017, 7919685

Patents:

1. AI-BASED PRICE NEGOTIATOR ONLINE CHATBOT SYSTEM. Application No.202241030708 A, Publication Date : 03/06/2022
2. Machine Learning based Automatic Health care System to predict , Diagnosis and detection of knee joint diseases using Image enhancement and segmentation techniques. Application No- 202341041354, Publication Date: 17/06/2023

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