Mrs.R.Swathi, M.E., (Ph.D),

Assistant Professor,

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Mrs.R.Swathi, M.E., (Ph.D), is working as Assistant Professor in the Department of CSE at

SRMIST, Ramapuram campus. She is doing her Ph. D degree in the field of Computer Science and Engineering from SRM Institute of Science and Technology, Kattankulathur as Part Time (Internal) since December 2021. She has 6.8 years of teaching experience with good programming skills. She is certified in various courses from Coursera and NPTEL. She has published articles in National and International Journals, Conferences and Symposiums.

Area of Research:

Artificial Intelligence, Deep Learning and Data Mining

Selected Publications:

1. Latchoumi, T. P., Swathi, R., Vidyasri, P., & Balamurugan, K. (2022, March). Develop

new algorithm to improve safety on WMSN in health disease monitoring. In 2022

International Mobile and Embedded Technology Conference (MECON) (pp. 357-362).

IEEE

2. Prawin R.P.,Pranav R.P.,Swathi R.,"Performance Evaluation and comparative Analysis of several Machine Learning Classification Techniques using a Data-Driven Approach in Predicting Renal Failure. In 2023 International Journal for Research in Applied Science & Engineering Technology(IJRASET)

Patents:

1. Intelligent Health Care Monitoring System for Physically Challenged People, Application Number: 202341034557, Publication Date: 30/06/2023

2. Accident Detection System (ADS) Using G-FORCE, Application Number:

202241028175, Publication Date:17/06/2022

3. The Design and Development of a Horticulture Monitoring System, Application

Number: 202241008755, Publication Date: 04/03/2022

Professional Bodies:

1.Member in CSTA (Computer Science Teachers Association)

2.International Association of Engineers (IAENG)

3.Institute For Engineering Research and Publication (IFERP), Chennai, Tamil Nadu, IN

Google Scholar:

https://scholar.google.com/citations?user=Y0t1u8cAAAAJ&hl=en

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