Name : Ms. Rama.S

Designation : Assistant Professor

Mail ID : ramas1@srmist.edu.in

Area or Subject : Natural language processing, Machine Learning

Affiliation : Department of IT, SRMIST, Ramapuram

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Education:

Degree	Department	University/Colleges	Year of passing
M.Tech	CSE	SRM University	2013
B.E	IT	Sona College of Technology, Salem	2004

Other Details :

Course:

➢ **NPTEL / Coursera**
- o Python Data Structures
- o Python for Data Science
- o Operating Systems

Research Interests:

- o Natural Language processing
- o Machine Learning

Selected Publications:

1. Reformed timeslot allocation for data intensive clustered industrial wireless sensor networks using virtual grid structure with UWB, International Journal of Advanced Intelligence Paradigms,2021, Vol 19, I 3-4, B 284-E 294
2. With Amrutha K1, Sunanda Panigrahi2, Rohit M3,'Speech Emotion Recognition using Acoustic Features', International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 04 | Apr 2021
3. ·With S.Rama , M.Indumathy, Manikkannan.D, 'The Quality Of question Answering Approaches In Natural language Processing' , Solid State Technology, Vol. 63 No. 6 (2020)

4. ·With M.Indumathy, Test Case Optimization Using Enhanced Genetic Algorithm, Solid State Technology, Vol 63, I 6, B 10397-E 10404
5. With Dr.G.Paavai Anand , Attention Based Translation For Out Of Vocabulary Problem, International Journal of Advanced Science and Technology,2020, Vol 29, I 8, B 2287-E 2291
6. With Jerry Joy, Aparna Kannan, Shreya, Speech Emotion Recognition using neural network and MLP Classifier', International Journal of Engineering Science and Computing ,2020, Vol 10, I 4, B 25170-E 25172
7. Sruthi S1, Kanaga Priya K, Improving the Accuracy of the Heart Disease Prediction Using Hybrid Machine Learning, International Research Journal of Engineering and Technology (IRJET) Mar 2020, Volume: 07 Issue: 03
8. Analysis and prevention of suicides using World Health Organization (WHO) data, International Journal of Advance Research, Ideas and Innovations in Technology,2019 Vol 5, I 2, B 938-E 941
9. With A.Sasank Surya,D.Sowmya,N.Vasavi, 'An Automatic and Alert Sending Crop Monitor System Using IoT' in the journal, 'International Journal of Computer Technology & Applications ,ISSN:2229-6093, Vol 9(2),66-69, 2018
10. With Vikas. S, Ram Kumar. P,Ragul. L, 'Gesture-Based Character Recognition using SVM Classifier in the journal   International Journal of Innovative Science and Research Technology, ISSN No:-2456-2165, Volume 3, Issue 4, April 2018 .

11. With Benarji E, Sathya Narayana N, Siddharth, 'An Ecommerce Website Portal to Enhance the Rating of Products Using Testimonial in the journal International Research Journal in Advanced Engineering and Technology E - ISSN: 2454-4752 P - ISSN: 2454-4744 Vol 4 Issue 2 (2018) Pages 3461 - 3468

Academic Experiences:

Total Teaching Experience: 16 Years till date

- Assistant Professor - Information Technology
  Institution : SRM Institute of Science and Technology,Ramapuram, Chennai
  Period : 4.4.2024 – Till date
- Assistant Professor – Computer Science and Engineering
  Institution: SRM Institute of Science and Technology, Vadapalani, Chennai
  Period of Work - 1.7.2016 to 29.1.2022
- Lecturer - Department of Information Technology
  Institution: Meenakshi College of Engineering, Chennai
  Period of Work - 1.7.2009 to 30.6.2016.
- Lecturer - Department of Information Technology
  Institution - Sona College of Technology, Salem
  Period of Work - 18.10.2005 to 12.4.2008
- Lecturer - Department of Computer Science
  Institution - Government College of Engineering, Salem
  Period of Work - 2.8.2004 to 14.10.2005.