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## Dr. R. Rajalakshmi

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**Designation:**

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**Areas of specialization** : Pattern Recognition, Machine Learning, Text Analysis, Web mining

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## List Of Publications

- 1) Rajalakshmi, R., et al. "Design of Kids-specific URL Classifier using Recurrent Convolutional Neural Network." *Procedia Computer Science* 167 (2020): 2124-2131.
- 2) Rajalakshmi, R., et al. "Bidirectional GRU-Based Attention Model for Kid-Specific URL Classification." *Deep Learning Techniques and Optimization Strategies in Big Data Analytics*. IGI Global, 2020. 78-90.
- 3) Sivakumar, S., Rajalakshmi, R., Prakash, K. B., Kanna, B. R., & Karthikeyan, C. "Virtual Vision Architecture for VIP in Ubiquitous Computing." *Technological Trends in Improved Mobility of the Visually Impaired*. Springer, Cham, 2020. 145-179.
- 4) Rajalakshmi, R., et al. "Deep URL: design of adult URL classifier using deep neural network." *Proceedings of the International Conference on Advanced Information Science and System*. 2019.
- 5) Karthik, R., Gupta, U., Jha, A., Rajalakshmi, R., & Menaka, R. "A deep supervised approach for ischemic lesion segmentation from multimodal MRI using Fully Convolutional Network." *Applied Soft Computing* 84 (2019): 105685.
- 6) Swaminathan, V., Arora, S., Bansal, R., & Rajalakshmi, R. "Autonomous Driving System with Road Sign Recognition using Convolutional Neural Networks." *2019 International Conference on Computational Intelligence in Data Science (ICCIDS)*. IEEE, 2019.
- 7) Ganganwar, Vaishali, and R. Rajalakshmi. "Implicit Aspect Extraction for Sentiment Analysis: A Survey of Recent Approaches." *Procedia Computer Science* 165 (2019): 485-491.
- 8) Rameshkannan, R., and R. Rajalakshmi. "Dlrg@ aila 2019: context-aware legal assistance system." *Proceedings of FIRE* (2019).

- 9) Rajalakshmi, R., and B. Yashwant Reddy. "DLRG@ HASOC 2019: An Enhanced Ensemble Classifier for Hate and Offensive Content Identification." *FIRE (Working Notes)*. 2019.
  - 10) Sivakumar, S., and R. Rajalakshmi. "Correction to: Comparative Evaluation of Various Feature Weighting Methods on Movie Reviews." *Computational Intelligence in Data Mining*. Springer, Singapore, 2019. C1-C1.
  - 11) Sivakumar, S., and R. Rajalakshmi. "Comparative evaluation of various feature weighting methods on movie reviews." *Computational intelligence in data mining*. Springer, Singapore, 2019. 721-730.
  - 12) Rajalakshmi, R., and Chandrabose Aravindan. "An effective and discriminative feature learning for URL based web page classification." *2018 IEEE International Conference on Systems, Man, and Cybernetics (SMC)*. IEEE, 2018.
  - 13) Rajalakshmi, R., S. Ramraj, and R. Ramesh Kannan. "Transfer learning approach for identification of malicious domain names." *International Symposium on Security in Computing and Communication*. Springer, Singapore, 2018.
  - 14) Rajalakshmi, R., and Chandrabose Aravindan. "A Naive Bayes approach for URL classification with supervised feature selection and rejection framework." *Computational Intelligence* 34.1 (2018): 363-396.
  - 15) Rajalakshmi, R., and Sanju Xavier. "Experimental study of feature weighting techniques for URL based webpage classification." *Procedia computer science* 115 (2017): 218-225.
  - 16) Rajalakshmi, R., and Rohan Agrawal. "Borrowing likeliness ranking based on relevance factor." *Proceedings of the Fourth ACM IKDD Conferences on Data Sciences*. 2017.
  - 17) Rajalakshmi, R. "Identifying health domain URLs using SVM." *Proceedings of the Third International Symposium on Women in Computing and Informatics*. 2015.
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