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## **Publication:**

 K.R.Baskaran, S. Sathyavathi, R. Kaarthickkeyan, S. Gangamanikandan, S. Harish, "Electromyography Sensor with Virtual Reality – Monitoring Muscle Activity", Test Engineering and Management, Volume-83, pp. 18350 – 18357, June 2020.

- 2. **K.R.Baskaran**, B.Kaviya, S.Kavitha, "A Stock Market Prediction System Based on Time Series Data", Test Engineering and Management, Volume-83, pp. 18327 18338, June 2020.
- 3. **K.R.Baskaran**, M.N.Saroja, "Human Activity Recognition Using Active Learning Methodology", International Journal of Innovative Technology and Exploring Engineering Volume-8 Issue-12S, pp.404-406, October 2019.
- 4. **K.R.Baskaran**, M.N.Saroja," Machine Learning Algorithms for Human Activity Recognition", International Journal of Innovative Technology and Exploring Engineering Volume-8 Issue-12S, pp. 401-403, October 2019.
- 5. S. Kavitha, **K.R.Baskaran**, S.Sathyavathi, "Tasks of Object Detection Using Deep Learning Architectures", International Journal of Innovative Technology and Exploring Engineering, Volume-8 Issue-12S, pp.398-400, October 2019.

- S.Sathyavathi, K.R.Baskaran, S.Kavitha, "Social Media Data Analysis Using Recommendation Algorithms", International Journal of Innovative Technology and Exploring Engineering, Volume-8 Issue-12S, pp.394-397, October 2019.
- 7. M.N.Saroja, S.Kannan, **K.R. Baskaran**, "Analysing The Purchase Behavior of a Customer for Improving the Sales of a Product", International Journal of Recent Technology and Engineering Volume-7 Issue-4S, pp. 173-175, November 2018.
- 8. S. Sathyavathi, **K. R. Baskaran**, S. Kavitha, "Non-Invasive Diabetes Mellitus Detection Using Facial Block Color", International Journal of Recent Technology and Engineering Volume-7 Issue-4S, pp. 304-306, November 2018.
- 9. S. Kavitha, **K. R. Baskaran**, S. Sathyavathi, "Heart Disease With Risk Prediction Using Machine Learning Algorithms", International Journal of Recent Technology and Engineering, Volume-7 Issue-4S, pp. 314-317, November 2018.
- 10. K.R.Baskaran, S. Sabari Rangan, S. Ajithkumar, B Krishna Prasath, "Likeminded A Recommender System Based Knowledge Sharing Application For Students", International Journal of Recent Technology and Engineering, Volume-7 Issue-4S, pp. 355-357 November 2018.
- 11. **K.R. Baskaran**, V.Vijilesh, R. Nedunchezhian and R.S.Kumar, "Combining Intelligent Web Caching With Web Pre-Fetching Techniques to Predict Tourist Places", International Journal of Pure and Applied Mathematics, Vol. 116, No.12, pp. 97-104, October 2017.
- 12. V. Vijilesh, R.Nedunchezhian, **K.R. Baskaran**, "Performance Improvement By Combining Intelligent Web Caching Techniques With Spatial Weight Matrix Technique for Web Prefetching", International Journal of Engineering Applied Sciences and Technology, Vol. 1, Issue 10, pp. 76-80, September 2016.
- 13. V.Vijilesh, R.Nedunchezhian, **K.R.Baskaran**, "Significance of Combining Machine Learning Techniques for Web Caching with Web Pre-Fetching", Middle-East Journal of Scientific Research, Vol.24, No.6, pp. 2099-2109, June 2016.

- 14. **K.R.Baskaran**, C. Kalaiarasan, "Improved Performance by Combining Web Pre-Fetching Using Clustering with Web Caching Based on SVM Machine Learning Method", International Journal of Computers Communications & Control, Vol.11, No.2, pp. 166-177 April 2016.
- 15. **K.R.Baskaran**, C. Kalaiarasan, "Combining Pre-Fetching and Intelligent Caching Technique (SVM) To Predict Attractive Tourist Places", Research Journal of Applied Sciences, Engineering and Technology, Vol. 9, No.1, pp. 40-46, January 2015.