L. Arun Raj

Associate Professor,

Department of Computer Science,

B.S.Abdur Rahman Crescent University,

Vadalur – 600048

Phone : 04422751347

Email – ID: arunraj@cresent.edu

Area Expertise:

- Multimedia Applications
- Image Processing
- Data Mining
- Machine Learning

Publications:

1. "Optimized dual path analysis using finite automata theory in wireless sensor networks", International Journal of Intelligent Unmanned Systems, Vol. ahead-of-print No. ahead-of-print. https://doi.org/10.1108/IJIUS-11-2019-0060.

2. "Ontology Supported Hybrid Recommender System With Threshold Based Nearest Neighborhood Approach", International Journal of Information and Communication Technology Education, Vol 15 no.2, Feb 2019.

3. "Implementation of Facial Expression in Chat Box", International Journal of Pure and Applied Mathematics, Vol. 48, Dec 2018.

4. "Adaptive video streaming over HTTP through 4G wireless networks based on Buffer Analysis", Journal of Image and Video Processing, Vol. 41, June 2017.

5. "Ultrasound Video Streaming using HEVC-XLD in WiMAX Networks", Asian Journal of Research in Social Sciences and Humanities, vol.6 no.8, Aug 2016.

6. "QOS Aware Cross Layer Design for H.264-SVC Video Transmission Simulation over IEEE 802.11e Networks", Asian Journal of Information Technology, Vol.15, Dec 2016.

7. "Adaptive Client Server Architecture to Support Video Streaming over Wireless Internet with Improved QoE", Asian Journal of Information Technology, Vol.15, June 2016.

8. "Predictive Analytics on Student Academics", International Journal of Computer trends and Technology, Vol. 34, No. 2, April 2016.

9. "Evaluating Vulnerability Tool To Analyze The Web Security Mechanism", International Journal of Applied Engineering Research, Vol. 10 No. 12, pp. 28385-28392, July 2015.

10. "A Survey on Near Field Communication Attacks", International Journal of Advanced Engineering Research and Science, Vol.2, No.1, pp: 87-90, Jan 2015.

11. "A Survey on Telemedicine Approach Using Cross Layer Design in Video Streaming", International Journal of Scientific Engineering and Technology, Vol.3, No 7, pp: 955-958, Jul 2014.

12. "Motion Based Summarization and Grouping of Events for Video Surveillance System", International Journal of Engineering Research, Vol.3, No 4, pp: 258-260, Apr 2014.

13. "Survey on Predicting Educational trends by analyzing the Academic Performance of the Students", International Conference on Emerging current trends in Computing and Expert Technology, Panimalar Engineering College, Chennai, India held on 8th – 9th Mar 2019.

14. "Factors influencing the scholars acceptance of course recommender system: A case study", International Conference on Computer Networks, Big Data and IoT, Madurai, India held on 19th – 20th Dec 2018.

15. "Machine learning approach for quality adaptation of streaming video through 4G wireless network over HTTP", International Conference on ITU Kaleidoscope 2017 – Challenges for a data-driven society, Nanjing, China held on 27th – 29th Nov 2017

16. "Adaptive Video Streaming over HTTP Using Stochastic Bit-rate Prediction in 4G Wireless Networks", in the International Conference on ITU Kaleidoscope 2016 – Trust in the Information Society, Bangkok, Thailand 14th – 16th Nov 2016.

17. "Adaptive Video Streaming Over HTTP through 3G/4G Wireless Network Employing Dynamic On The Fly Bit Rate Analysis", in the International Conference on ITU Kaleidoscope 2015 – Trust in the Information Society, Barcelona, Spain, 9-11th Dec, 2015.

18. "Live Adaptive Video Streaming with ROI feature in Tele-medicine Applications", in the International Conference on TCIFES 2015, 1st – 2nd May 2015 organized by the CLRI in association with CSIR, Chennai.

19. "Privacy Preserving Cloud assisted Mobile Health data Monitoring", in the International Conference RTAICE 2015, 27th Mar 2015 organized by the Nehru Institute of Technology in association with CSI, Coimbatore.

20. "Cross Layer Implementation with Multiple Descriptive Coding to support Video Streaming in IEEE 802.11e Networks", International Conference on Recent Trends in Information Technology (ICRTIT 2013), MIT Campus Anna University in Chennai held on 25- 27th July 2013.

21. "Multilayered Resolution Based Coding for Internet Video Streaming", International Conference on Recent Trends in Information Technology (ICRTIT 2013), MIT Campus Anna University in Chennai held on 25- 27th July 2013.