



AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION TECHNOLOGY

NAME & INITIALS	Dr. S. ARIF ABDUL RAHUMAN	
DESIGNATION	PROFESSOR	
EDUCATIONAL QUALIFICATION	B.E(CSE),M.TECH(IT),MBA, Ph.D.,	
EXPERIENCE	Teaching:23 Years Industry: 7 Years	
DATE OF JOINING	30-07-2022	
EMAIL ID	drarif@aalimec.ac.in	
AREA OF SPECIALISATION	Image Processing Data Mining	

EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
B.E	CSE	REC – Trichy (Now NIT)	Bharathidasan - Trichy	May 1988
M.Tech	Comp&IT	M.S. University	M.S. University-Tirunelveli	April 2010
Ph.D.	Information and Communication Engineering	---	Anna University - Chennai	March 2020

PROFESSIONAL MEMBERSHIPS

ISTE Life Membership LM-40025

FDP ATTENDED

WORKSHOPS ATTENDED

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SEMINARS ATTENDED

PUBLICATION DETAILS
CBIR using similarity measure analysis based on region based level set segmentation, Rajesh, R.V., Arif Abdul Rahuman, S., Dr. Veerappan, J. International Review on Computers and Software, 2014, 9(1), pp. 154–160. Scopus.
Classification of flying insects with high performance using improved DTW algorithm based on hidden Markov model, Arif Abdul Rahuman, S., Dr. Veerappan, J., Rajesh, R.V. Brazilian Archives of Biology and Technology, 2016, 59(Specialissue2), e161054. Scopus.
Emerging Communication Technologies for Wireless Sensor Networks: Current Investigation and Future Applications, Dr. A. Vivek Yoganand, Dr. G. Uma Gowri, Dr. Babu Renga Rajan S., Dr. S. Arif Abdul Rahuman,. Annals of R.S.C.B., Volume 23, Issue 1, 2019, Pages. 22 – 27, Scopus.
Sustaining Battery Lifetime and Reliable Communication in Surveillance Applications of WSNs, Dr. S. Arif Abdul Rahuman, Dr. Babu Renga Rajan S., Dr. R. Dinesh Kumar, Dr. G. Uma Gowri, Turkish Online Journal of Qualitative Inquiry, Vol. 11, No. 2, 2020, Scopus
An Enhanced Aggregated Data Forwarding and Distributed Clustering Strategy for Lifetime Maximization in Wireless Sensor Networks, Dr. V. Janakiraman, Dr. K. Sundaramoorthy, Dr. S. Arif Abdul Rahuman, Dr. A. Vivek Yoganand, Dr. E. Gajendran, Turkish Online Journal of Qualitative Inquiry, Vol. 11, No. 2, 2020, Scopus

<p>Investigations on the Hardware Components and Internetworking Architectures of Wireless Sensor Network for Environmental Monitoring, Dr. Babu Renga Rajan S., Dr. R. Dinesh Kumar, Dr. G. Uma Gowri, Dr. S. Arif Abdul Rahuman, Turkish Journal of Computer and Mathematics Education, vol.9, no.3, 2018, Scopus</p>
<p>Distribution of Wireless Sensor Network for Efficient Environmental Monitoring and Greenhouse Control, Dr. K. Sundaramoorthy, Dr. V. Janakiraman, Dr. E. Gajendran, Dr. A. Vivek Yoganand, Dr. S. Arif Abdul Rahuman, Turkish Journal of Computer and Mathematics Education, vol.10, no.3, 2019, Scopus</p>
<p>An Enhanced Distributed Clustering Methodology and Data Aggregation in Connecting Dissimilar Wireless Sensor Networks, Dr. K. Sundaramoorthy, Dr. V. Janakiraman, Dr. A. Vivek Yoganand, Dr. E. Gajendran, Dr. S. Arif Abdul Rahuman, Turkish Journal of Computer and Mathematics Education, vol.10, no.2, 2019, Scopus</p>
<p>Modified Design Hardware and Wireless Sensors Networks for Designing Future Combat System, Dr. V. Janakiraman, Dr. K. Sundaramoorthy, Dr. S. Arif Abdul Rahuman, Dr. E. Gajendran, Dr. A. Vivek Yoganand, Turkish Journal of Computer and Mathematics Education, vol.11, no.2, 2020. Scopus</p>
<p>An Optimized Feature Selection Method on Insects Sound for Recognizing Type of Insects and Estimating their Vector Density using H2O-MM, S.Arif Abdul Rahuman, Dr.J.Veerappan International Journal of Scientific Research and Review 7 (8), 288-295, UGC</p>
<p>Flying Insect Identification Based on Wing-beat Frequency using Modified SVM Classifier, S.Arif Abdul Rahuman, Dr.J.Veerappan, International Journal of Research and Analytical Reviews Vol.5, No.3, 2018. pp.337-342, UGC</p>
<p>A Comparative study on various Classification algorithms for flying insect classification based on their spatio-temporal features, S.Arif Abdul Rahuman, Dr.J.Veerappan, International Journal for Research in Engineering Application & Management (IJREAM), Vol-04, Issue-09, pp.473-479, 2018. UGC</p>
<p>Retrieving Images and Its Classification by Acumen Mechanism Using Texture Features, Dr.S.Arif Abdul Rahuman, Dr.S.Satheesh, Dr.E.Mohan, Dr.M.Nagarajan, International Journal of Food and Nutritional Sciences ijfans.org e-ISSN 2340 7876, Vol. 12, Iss. 1, 2023, UGC</p>
<p>An Evaluation of Adaptive Clustering Approaches for Reducing Energy Consumption in Large Scale WSN Fields, Dr. G. Uma Gowri, Dr. Babu Renga Rajan S., Dr. S. Arif Abdul Rahuman, Dr. A. Vivek Yoganand, <i>Purakala</i>, ISSN: 0971-2143, UGC</p>
<p>Analysis of Various cluster algorithms based on flying insect wing beat sounds and their spatio-temporal features, Dr. Arif Abdul Rahuman, Dr. J.Veerappan, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Vol.4, Iss. 12, 2017, Google Scholar</p>
<p>Case Study: A fresh approach for OCR (Optical Character Recognition), RV S Rajesh & Dr.Veerappan, S.Arif Abdul Rahuman, International Journal of Engineering Research(IJOER) 1 (04), Google Scholar</p>
<p>Critical Analysis of Image Segmentation Algorithms (1406), Dr. Veerappan, Arif Abdul Rahuman, RVS. Rajesh, International Journal of Engineering Research (IJOER), ISSN 2321-7758, Vol 1, Iss.4, 2009 Google Scholar</p>

Fuzzy Based Framework for Professional College Rankings, Fuzzy Based Framework for Professional College Rankings, International Conference on Advances in Recent Technologies in Communication and Computing, 774-776, IEEE, 2009.

Improving software maintainability through risk analysis, N Narayanan Prasanth, SP Raja, X Birla, K Navaz, S Arif Abdul Rahuman, International Journal of Recent Trends in Engineering, Vol.2, Iss.4, Pages 198, 2009, Google Scholar

Image-based Histological Features for Lung Cancer Prediction using Optimized Stochastic Learning Model, S.Arif Abdul Rahuman, M. Ashika Nooriya, A. Syed Ali Fathima, F. Aaliya, International Journal of Advances in Engineering and Management (IJAEM) Volume 5, Issue 7 July 2023, pp: 758-770
www.ijaem.net ISSN: 2395-5252, Google Scholar

CONFERENCE DETAILS

Active Worm Early Detection Using Network Sniffer, S Babu Regna Rajan, R Arock Nirmelt, S Arif Abdul Rahuman, S Mohideen Abdul Kader, International Conference on Advances in Computing, Control, and Telecommunication Technologies ,Pages 545-549,Publisher IEEE , 2009

Wavelet based image compression: a comparative study, SP Raja, N Narayanan Prasanth, S Arif Abdul Rahuman, S Kurshid Jinna, SP Princess, International Conference on Advances in Computing, Control, and Telecommunication Technologies, Pages 545-549, Publisher IEEE, 2009

ACHIEVEMENT DETAILS

Worked as a Principal for 6 years in two private Engineering colleges.
