

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Details of Publications

No. of Journal Publications	CAY (2020-2021)	CAYm1 (2019-2020)	CAYm2 (2018-2019)
	45	30	12

ACADEMIC YEAR 2020-2021

S.No.	Name of the Faculty	Title of the Paper	Name of the Journal	National /International Journal	Month and Year	ISSN No.	Vol. & Issue No. & pg.no.	Indexing
1	Dr. S. Jabeen Begum, Dr.V.Latha Jothi, Dr.S.Kayalvili, Dr.S.Gokulraj	Survey on Forecasting the vulnerability of Covid 19 in Tamil Nadu	Journal of Physics: Conference Series	International	February 2021	doi:10.1088/1742-6596/1767/1/012006		Scopus
2	Dr.V.Latha Jothi, Dr.S.Jabeen Begum	Epidemic Model Simulation for Corona Pandemic in Tamil Nadu	Annals of R.S.C.B	International	May 2021	1583-6258	Volume 25, Issue 5, pp 3737 - 3747	Scopus

3	Dr.V.Latha Jothi	Crop Yield Prediction using KNN Model	International Journal of Engineering Research and Technology	International	August 2020	2278-0181	Volume 8, Issue 12, pp. 4 – 7	Google Scholar
		Adaptive KNN based Intention Prediction	Journal of Xi'an University of Architecture & Technology	International	2021	1006-7930	Volume 13, Issue 6	Google Scholar
4	Dr.S.Sadesh	Designing User-Centered IoT Middleware Solutions for Small and Mid-Scale Farmers for Precision Agriculture using Cloud Computing	International Journal of Advanced Trends in Computer Science and Engineering	International	July – August 2020	2278-3091	Volume 9, Issue.4	Scopus
		Fine-grained request approval with truth form over encrypted spatial data in cloud storage	International Journal of Intellectual Advancements and Research in Engineering Computations	International	2020	2348-2079	Volume 8, Issue 4	Google Scholar
		Scalable learning for identifying and ranking prevalent news topics using social media factors	International Journal of Advanced Research in Basic Engineering Sciences and Technology	International	April 2021	2456-5717	Volume.7, Issue.4	Google Scholar
		Fruit disease identification using CNN	International Journal of Advanced Science and	International	May 2021	2455-9288	Volume 6, Issue 01	Google Scholar

			Engineering Research					
5	Dr.S.Kayalvili	Blockchain integrated IIOT – Future of IOT	Materials Today: Proceedings	International	February 2021	https://doi.org/10.1016/j.matpr.2020.12.1051		Web of Science
		Spectral analysis of ischemic stroke detection using machine learning	Journal of Huazhong University of Science and Technology	International	May 2021	1671-4512	Volume 50, Issue 5	Google Scholar
		An efficient resource allocation in cloud computing using KNN and Naive bayes algorithms	International Journal of Advanced Research in Computer and Communication Engineering	International	May 2021	2278-1021	Volume 10, Issue 5	Google Scholar
6	Dr.S.Gokulraj	Infant Health Care Monitoring System Using Iot	Aegaeum Journal (UGC)	International	July 2020	0776-3808	Volume 8, Issue 7	UGC
7	Ms.M.Mohanasundari, Ms.C.Kotteeswari, Ms.K.MohanaPriya	Trust Appraisal of Cloud Services using Cloud - Analytic Hierarchy Process	Annals of R.S.C.B.	International	April 2021	1583-6258	Volume. 25, Issue 4, Pp.8375 - 8385	Scopus
8	Ms.M.Mohanasundari	Secure Data Sharing ECC Approach	International Journal of Advanced Research in Basic Engineering	International	April 2021	2456-5717	Volume.7, Issue.4, Pages. 245-49	Google Scholar

			Sciences and Technology					
		Secured Passive Video Integrity Verification	International Journal of Advanced Research in Basic Engineering Sciences and Technology	International	April 2021	2456-5717	Volume.7, Issue.4, Pages. 25-34	Google Scholar
9	Ms.K.Vijaya	Cyberbullying- A Threat To Children And Their Psycho-Social Ambience	PSYCHOLOGY AND EDUCATION	International	November 2020	0033-3077	Volume 57, Issue 9,1106-1109	Google Scholar
		Canning of Statements in IOT Using Arduino Uno	International Journal of Engineering Research And Management	International	August 2020	2349- 2058	Volume 7, Issue 8	Google Scholar
		Ransomware Deployment and Analysis	International Journal of Research and Advanced Development	International	August 2020	2581-4451	Volume 4, Issue 2	Google Scholar
		Smart Intravenous Fluid Monitoring System	Annals of R.S.C.B	International	May 2021	1583-6258	Volume. 25, Issue 5, Pp. 199-209	Scopus
		Multi-Level Privacy Authentication in Distributed M-Healthcare using Blockchain	International Journal of Research and Advanced	International	August 2020	2581-4451	Volume 4, Issue 3, pp. 10-13	Google Scholar

			Development					
10	Ms.C.Kotteswari	A review on diabetic maculopathy detection methodology	International Journal of Advanced Science and Engineering Research	International	May 2021	2455-9288	Volume: 06, Issue: 01	Google Scholar
		CAD Diagnosis using Classified Machine Learning Methods	International Journal of Advanced Research in Basic Engineering Sciences and Technology	International	April 2021.	2456-5717	Vol.ume7, Issue.4	Google Scholar
11	Mr.S.Vivekandhan	Space time block coded structural inflection technique using MIMO	International Journal of Advanced Science and Engineering Research	International	May 2021	2455-9288	Volume: 06, Issue: 01	Google Scholar
		Implementation of cloud decoy file using sassy intrusion detection algorithm	International Journal of Advanced Research in Computer & Communication Engineering	International	April 2021.	2319-5940	Vol. 10, Issue 4	Google Scholar

		A block chain-based access control framework for big data	International Journal of Advanced Research in Computer and Communication Engineering	International	April 2021.	2319-5940	Vol. 10, Issue 4	Google Scholar
12	Ms.K.Mohanapriya	Hiding Medical Data in Video Frames by Encryption and Video Watermarking Techniques	International Journal of Research and Advanced Development	International	August 2020	2581-4451	Vol 4, Issue 3, pp. 14-18,	Google Scholar
		Smart ration card system	Journal of Huazhong University of Science and Technology	International	April 2021	1671-4512	Vol 50, Issue 4	Google Scholar
		IoT Based Smart Shopping Cart	International Journal of Advanced Research in Basic Engineering Sciences and Technology	International	April 2021	2456-5717	Vol.7, Issue.4	Google Scholar
13	Ms.D. Lavanya	Adverse Drug Reaction Analysis Using Support Vector Machine Model	International Research Journal of Modernization in Engineering Technology and Science	International	August 2020	2582-5208	Vol 2, Issue 8	Google Scholar

		A medical data privacy protection schema based on blockchain	International Journal of Advanced Science and Engineering Research	International	May 2021	2455-9288	Vol 6, Issue 1	Google Scholar
		Secure bank transactions using rsa	International Journal of Advanced Science and Engineering Research	International	May 2021	2455-9288	Vol 6, Issue 1	Google Scholar
		A study on Covid-19 future forecasting using classification and regression techniques	International Journal of Advanced Science and Engineering Research	International	May 2021	2455-9288	Vol 6, Issue 1	Google Scholar
14	Mr.P.Sukumar	An Efficient Security Model for Privacy Enhanced Distributed Datamining Using Cloud Fedaration Approach	International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST)	International	April 2021	2456-5717	Vol.7, Issue.4	Google Scholar
15	Ms.S.Subathra	Discovery of fooling attacks in wlan-baesd locating systems using wifi hotspot tags	International Journal of Advanced Science and Engineering Research	International	May 2021	2455-9288	Vol 6, Issue 1	Google Scholar

16	Ms.P. Kiruthiga, Ms.D.Nithya	Contemporary PCA and NBA based Hybrid Cloud Intrusion Detection System	EAI Endorsed Transactions on Energy Web	International	February 2021	doi: 10.4108/eai.19-2-2021.168727		Scopus
17	Ms.D.Nithya	Efficient Real-Time Tasks Scheduling in Virtualized Cloud Environment	International Journal of Research and Advanced Development	International	August 2020	2581-4451	Vol 4, Issue 3, pp. 6-9	Google Scholar
		Intelligence Car Parking System Using Internet Of Things	International Journal of Advanced Research in Computer and Communication Engineering	International	March 2021	2278-1021	Vol 10, Issue 3	Google Scholar
18	Ms.S.Poovizhi	Geo Tracking System Using Xamarin Approach	International Journal of Scientific & Technology Research	International	September 2020	2277-8616	Vol 9, Issue 9	Google Scholar
19	Ms.S.Vishnupriya, Ms.S.Ponni	Enhanced Crow Search Algorithm for Task Scheduling in Cloud Computing	IOP Conference Series: Materials Science and Engineering	International	August 2021	doi:10.1088/1757-899X/1055/1/012102		Scopus
20	Ms.S.Vishnupriya	An Iterative Mapreduce based Frequent Subgraph Mining Algorithm with Load Balancing	International Journal of Engineering Research & Technology	International	August 2020	2278-0181	Vol 8, Issue 12	Google Scholar

		Weather forecasting using cumulative sum average mapreduce algorithm	International Journal of Advanced Research in Management, Architecture, Technology and Engineering	International	April 2021	2454-9762	Vol 7, Issue 4	Google Scholar
		Lung cancer prediction system using data mining	International Journal of Advanced Science and Engineering Research	International	May 2021	2455-9288	Vol 6, Issue 1	Google Scholar
21	Ms.S.Nithya	Secured data sharing inference analysis under green communication	International Journal of Advanced Research in Basic Engineering Sciences and Technology	International	April 2021	2456-5717	Vol.7, Issue 4	Google Scholar
22	Ms.S.Ponni	Trusted Cloud based Storage and Retrieval Process using Symmetric Searchable Encryption	International Journal of Engineering Research & Technology	International	July 2021	2278-0181	Vol 8, Issue 12, pp.30 - 34.	Google Scholar
		Two Level QRFIE Code for Private Message Sharing	International Journal of Innovative Research in Science, Engineering and Technology	International	May 2021	2319-8753	Volume 10, Issue 5	Google Scholar

ACADEMIC YEAR 2019-2020

S. No .	Name of the Staff	Title of the Paper	Name of the Journal	National /International Journal	Month and Year	ISSN No.	Volume. & Issue No. & pg.no.	Indexing
1.	Dr. S. Jabeen Begum, Dr. V. Latha jothi	Heart Diseases Prediction Using Machine Learning Techniques	GEDRAG & ORGANISATIE	International	April-June 2020	0921 5077	Volume.33, Issue 02 & 1402 - 1413	Web of Science
2.	Dr. V. Latha jothi	Detection of Liver Cancer using Image Processing	International Journal of Advanced Science and Engineering Research	International	March-2020	2455 9288	Volume.5, Issue 01 & 79 – 85	
3.	Dr. S. Sadesh	Enhancing the Security Mechanism in Health care using Triple DES	International Journal of Engineering Research and Technology (IJERT)	International	April-2020	ISSN: 2278-0181	Volume 8, Issue 12	Google Scholar
		Active Dynamic Key for Secure Data Transfer in Wireless Sensor Network	Journal of Mechanics of Continua and Mathematical Sciences (Web of Science)	International	May-2020	2454 -7190	Volume.-15, No.-5 pp 174-181	Web of Science
		Human Visual System-Based Saliency Detection	International Journal of Advanced Science and Engineering Research	International	May-2020	2455-9288	Volume:5 Issue:1 PP-42-46	Google Scholar
4.	Ms. S. Kayalvili	Improving Product Sales on E-Commerce Websites Based on	International Journal of Scientific Research in	International	May-June 2020	2395-6011	Volume 7, Issue 3, PP 361-366	Google Scholar

		Reviewers Opinions	Science and Technology					
		Digital voting system using Block Chain Technology	International Journal of Scientific Research & Engineering Trends	International	March-April 2020	2395-566X	Volume 6, Issue 2, PP 1017 1020	Google Scholar
5.	Dr.S.Gokulraj	Crowd Detection by video processing	International Journal of Scientific Research in Science and Technology	International	March-April 2020	2395-6011	Volume:7 Issue:2 PP-119-125	
6.	Ms.M.Mohanasundari	Prediction of ARDS syndrome and CAD using multilayer perceptron	International Journal of Scientific Research in Science and Technology	International	March-2020	2395-6011	Volume:7 Issue:2 PP-90-96	Google Scholar
		Pre-migration process for scheduling tasks in cloud	International Journal of Scientific Research & Engineering Trends	International	May-June 2020	2395-566X	Volume:6 Issue:3 PP-1658-1661	Google Scholar
		Prediction of Brain tumour using mathematical Morphological Reconstruction	International journal of advanced science and Engineering Research	International	March-April 2020	2455-9288	Volume:5 Issue:1 PP-93-100	
7.	Mr.K.Tharani	Cluster-Based Certificate Revocation with Vindication Capability for Mobile AD HOC Networks	International Journal of Scientific Research & Engineering Trends	International	May-June 2020	2395-566X	Volume 6, Issue 3, PP-1157-1160	Google Scholar
8.	Ms.K.Vijaya	Discriminative Authentication based	International Journal of Advanced Science and	International	April-	ISSN: 2455-	Volume 5: Issue 1 PP-	

		Opportunistic routing in wireless sensor networks with trustworthy path mechanism	Engineering Research		2020	9288	513-518	
		Web based Interactive FM	GEDRAG & ORGANISATIE REVIEW	International	April-2020	ISSN:0921-5077	Volume 33: Issue 2 PP-781-787	Scopus
9.	Mr.S.Vivekanandan	Gray Code Based Data Hiding in an Image Using LSB Embedded Technique	International Journal of Advanced Engineering, Research and Science	International	April-2020	2349 6495	Volume 7 Issue 4 2020	Google Scholar
		Article recommendation and Connics Story Representation for Twitter User Based Preferences	International Journal of Scientific Research in Science Technology	International	March-April 2020	2395-6011	Volume 7 Issue 2 March April 2020	Google Scholar
		Secure Cloud Data Deduplication with Efficient Re-Encryption	International Journal of Engineering Research & Technology	International	May-2020	2278-0181	Volume 8, Issue 12	Google Scholar
10.	Ms.K.MohanaPriya	Security for shared data in cloud storage using third party auditor	International Journal of Research and Advanced Development (IJRAD)	International	December -2019	2581-4451	Volume:3 Issue:5 PP-10-12	Google Scholar
		Light Weight Secure Auditing Scheme for Shared Data in Cloud	International Journal of Engineering Research and	International	April-2020	ISSN: 2278-0181	Volume 8, Issue 12 PP-1-3	Google Scholar

		Storage	Technology (IJERT)					
11.	Mr.P.Sukumar	A Systemized Perspective for Secure Cloud Data Sharing and Privacy Protection using Third Party Arbiter	International Journal of Research and Advanced Development (IJRAD),	International	April-2020	2581-4451	Volume 4, Issue 1, pp. 6-8, April 2020	Google Scholar
		An Efficient and Dynamic Semantic Aware Search Scheme over Encrypted Cloud Data using Sent2Vec Model	International Journal of Innovative Research in Computer and Communication Engineering	International	March-2020	2320-9798	volume 8, Issue 3	Google Scholar
12.	MsS.Subathra	Sentiment Analysis of Consumer Reviews using Multi-Strategy Technique	International Journal of Scientific Research and Engineering Trends	International	May-June 2020	2395-566X	Volume 06, Issue 03, pp.1655-1657	Google Scholar
13.	Ms.S.Poovizhi	Image security enhancement with Knight's Tour and AES technique	International Journal Of Advanced Science and Engineering Research(IJASER)	International	March-2020	2455-9288	Volume:5,Issue :1 PP- 101-109	Google Scholar
		Enhancement of profit on mining low utility item sets	International Journal Of Scientific Research and Engineering Trends(IJSRET)	International	May-June 2020.	2395-566X	Volume:6,Issue :3 PP-1694-1697	Google Scholar
14.	Ms.S.Vishnupriya	An Iterative Mapreduce Based Frequent	International Journal of Engineering Research and	International	June-2020	2278-0181	Volume:8,Issue :12	Google

		Subgraph Mining Algorithm With Load Balancing	Technology				PP-15-17	Scholar
		Securing Cloud Aided E-Healthcare System Using SPOC	International Journal of Scientific Research and Engineering Development	International	February-2020	2581-7175	Spical Issue	Google Scholar
15.	Ms.S.Nithya	Reduced energy consumption of data transmission for TCP downloads/uploads	International Journal of Engineering Research and Technology	International	May-2020	2278-0181	Volume:8,Issue :12 PP-25-29	Google Scholar
		GPS Controlled Robotic Vehicle for Environmental Impact Analysis	International Journal of Innovative Research in Science, Engineering and Technology	International	March-2020	2319-8753	Volume:9 Issue:3 PP-390-395	Google Scholar
16.	Ms.S.Ponni	Flower Pollination Based Task Scheduling With Cost Minimization Effort Using Multi Cloud Resource Provisioning',	International Journal of Innovative Research in Science, Engineering and Technology	International	April-2020	2319 - 8753	Volume:9 Issue:4 PP-1566-1570	Google Scholar
		Trusted Cloud based Storage and Retrival Process using Symmetric Searchable Encryption	International Journal of Engineering Research and Technology (IJERT)	International	May-June 2020	2278-0181	Volume:8,Issue :12 PP-30 -34	Google Scholar

ACADEMIC YEAR 2018-2019

S.No	Name of the Staff	Title of the Paper	Name of the Journal	National /International Journal	Month and Year	ISSN No.	Volume. & Issue No. & pg.no.	Indexing
1.	Dr. S. Jabeen Begum	A Survey for identifying Parkinson's disease by Binary Bat Algorithm	International Journal of Scientific Research in Computer Science and Engineering	International Journal	April-2019	ISSN: 2320-7639	Volume.7 , Issue.2 , pp.17-23	Google scholar
2.	Ms.C.Selvi	Demand-Supply Oriented Taxi Suggestion System for Vehicular Social Networks with Real Time Charging Advisor: Survey	International Journal of Research and Advanced Development (IJRAD)	International	October-2018	2581-445	Volume 02, Issue 04, pp. 51-56,	Google scholar
		Demand Supply Oriented Taxi Suggestion System for Vehicular Social Networks with Fuel Charging Mechanism	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	International	January - February 2019	2456-3307	Volume 5 ,Issue 1 ,pp 38- 44	Google scholar
3.	Ms.S. Kayalvili	Improvement of Privacy and Security in Hybrid Cloud with Attribute Group Based	International Journal of Scientific Research in Computer Science,	International	January - February 2019	2456-3307	Volume 5, Issue 1, pp 57-62	Google scholar

		Access Control	Engineering and Information Technology					
		Survey on Dual Encryption with Attribute Authority in Cloud Computing	International Journal of Research and Advanced Development	International	October-2018	2581-4451	Volume 02, Issue 04, pp. 57-63	Google scholar
4.	Dr.S.Sadesh	Effective Prediction for Rock Burst Dataset using Classification Algorithms with Particle Swarm	International Journal of Research and Advanced Development	International	December-2018	2581-4451	Volume 02, Issue 05, pp. 72-80,	Google scholar
5.	Ms.P.Suganthi Malarvizhi	Frequent Itemsets Mining with Differential Privacy: A Survey	International Journal of Research and Advanced Development	International	December-2018	2581-4451	Volume 2, Issue 5 pp. pp 81-85	Google scholar
		Improve Cloud Base Wi-Fi Network using Load Base Mobile Cloud Computing Mode	International Journal of Research and Advanced Development	International	December-2018	2581-4451	Volume 2, Issue 5 pp. pp 86-91	Google scholar
6.	Ms.R.Kavitha	Improving Central and Remote Access Units in Cloud Based Wi-Fi Network for Better Client and Service	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	International	January - February 2019	ISSN : 2456-3307	Volume 5, Issue 1, pp 171-179	Google scholar

7.	Ms.M.Mohanasundari	A Survey on Tumor Node Detection in PET/CT image based on Image Fusion	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	International Journal	September-October 2018	2456-3307	Volume 3, Issue 7,pp 320-330	Google scholar
		Optimal Tumor Segmentation for Pet and CT Images using Neuro Fuzzy Contour let Transform Technique	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International Journal	April-2019	ISSN: 2321-9653	Volume 7 Issue IV & 1208-1211	Google scholar
8.	Ms.D.Lavanya	Trust Based Reliable routing Protocol for Manets	International Journal of Innovative Technology and Exploring Engineering	International Journal	April-2019	2278-3075	Volume-8,Issue-6,PP 1595-1598	Web of Science

