



IDHAYA COLLEGE FOR WOMEN (AUTONOMOUS), KUMBAKONAM

Accredited with A+ Grade by NAAC 1st Cycle

DEPARTMENT OF COMPUTER APPLICATIONS

STAFF PUBLICATION PARTICULARS

S.No	NAME OF THE AUTHOR (S)	TITLE OF THE PAPER	JOURNAL NAME	ISSN / ISBN	YEAR	PUBLISHED IN	JOURNAL LINK
ACADEMIC YEAR 2023 - 2024							
1	Dr. V. Rathika	Evaluation of post migration process using through aggregate operations in data migration from structured database to unstructured database	National conference on Research in Computational Intelligence Methods (Proceeding)	978-93-84008-04-8	2024	Department of Computer Science, Idhaya College for Women, Kumbakonam	--
ACADEMIC YEAR 2022 - 2023							
1	Mrs. D. Meenakshi	Transformer induced enhanced feature Engineering for contextual similarity Detection in text	Bulletin of Electrical Engineering and Informatics	2124-2130	2022	UGC Approved	https://beei.org/index.php/EEI/article/view/3284

ACADEMIC YEAR 2021 - 2022

1	Dr. K.Bhuvaneshwari	An Effective payload Management (2, 3) Scheme for Visual Secret Sharing Over Remote Sensing Images	First International Conference on Electrical, Electronic, Information and Communication Technologies (ICEEICT)	9768538	2022	IEEE	https://ieeexplore.ieee.org/xpl/conhome/9768398/proceeding
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ACADEMIC YEAR 2020 - 2021

1	Dr. R. Kanimozhi	An efficient clustering model in high utility item set mining	International Journal of Research and Analytical Reviews (IJRAR)	2348 - 1269	2020	UGC Care List Group II	http://www.ijrar.org/papers/IJRAR19L1697.pdf
2	Dr. R. Kanimozhi	An Analysis on High Utility Mining in Privacy Preserving using Data Mining	International Journal of Engineering Research & Technology (IJERT)	2278 - 0181	2020	UGC Care List Group II	https://www.ijert.org/an-analysis-on-high-utility-mining-in-privacy-preserving-using-data-mining

ACADEMIC YEAR 2019 - 2020

1	Dr. R. Kanimozhi	A Method for Privacy Preserving in the High Utility Data Set Extraction	The International Journal of Analytical and Experimental Modal Analysis (IJAEMA)	0886-9367	2019	UGC Care List Group II	https://app.box.com/s/etpqjqgrasrlcjpgchnuhw74brhwc7j
2	Mrs. V. Rathika	Ensuring Data Integrity While Migration Data from Structured Database to Unstructured Database					https://app.box.com/s/w4j8e5l3ka12kv56blpcdo0frttw513k
3	Dr. K. Bhuvaneshwari	Integrated Heart Diseases Prediction using CNN and SVM Techniques					https://app.box.com/s/xaxoax25cn7ttrtgab3povrgoogs84t
4	Dr. K. Bhuvaneshwari	Clustering Based E-Learning in Data Analytics on Basis of Mining Prediction	ADALAYA JOURNAL	1301-2746	2020	UGC Care List Group II	http://adalyajournal.com/VOLU ME-9-SSUE -2-FEBRUARY-2020/

5	Mrs. S. Hemalatha	A Novel Method for Towards Secure Computing in Computer Networks	The International Journal of Analytical and Experimental Modal Analysis (IJAEMA)	0886-9367	2019	UGC Care List Group II	https://app.boydell.com/s/w44rq5o0650sz8u0rmd3x81hdjkal93
ACADEMIC YEAR 2018 - 2019							
1	Dr .R .Kanimozhi	LAPRAS and MILOTIC- Innovative algorithms for Privacy Preserving Utility Mining	International Journal of Pure and Applied Mathematics	1314-3395	2018	Scopus Indexed	http://www.acadpubl.eu/jsi/2018-118-7-9/issue8.html
2	Dr. R. Kanimozhi	A Study and Enhanced Approach on High Utility Itemset Mining	International Journal of Information and Computing Science	0972 - 1347	2019	Scopus Indexed	www.ijics.com
3	Dr. R. Kanimozhi	High Utility Text and Data Mining Methods	International Journal of Computer Sciences and Engineering	2347-2693	2019	UGC Approved	https://www.ijcseonline.org/special_issue.php?pub_id=28
4	Mrs. V. Rathika	Architecture for Automated Data Quality Checking in Big Data Migration Process	International Journal of Computer Sciences and Engineering	2347-2693	2019	UGC Approved	https://www.ijcseonline.org/special_issue.php?pub_id=28

5	Mrs. V. Rathika	Entity Aware Association Rule Based Big Data Migration	International Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162	2019	UGC Approved	----
6	Mrs. V. Rathika	A Novel Big Data Migration Framework with Reduced Database Downtime	International Journal of Engineering Research and Applications(IJERA)	2248-9622	2019	UGC Approved	https://www.ijera.com/papers/vol9no8/Series-1/G0908014352.pdf
7	Dr. K. Bhuvaneshwari	Secure Association Rule Mining Using Array Mapping Table	International Journal of Pure and Applied Mathematics	1314-3395	2018	SCOPUS	http://www.acadpubl.eu/jsi/2018-118-7-9/issue8.html
8	Dr. K. Bhuvaneshwari	Prediction of Data Ware House Model using Dynamic Function Point Analysis	International Journal of Computer Sciences and Engineering	2347-2693	2019	UGC Approved	https://www.ijcseonline.org/special_issue.php?pub_id=28

9	Dr. K. Bhuvaneshwari	An Efficient Lymph Disease Prediction Model Using Naïve Bayes Tree Classifier	Journal of Applied Science and Computations	1076- 5131	2019	SCOPUS	http://j-asc.com/gallery/272-april-2552.pdf
10	Dr. K. Bhuvaneshwari	Performance Evaluation of Different Churn Prediction Methodologies for Telecommunication Sectors	Journal of Applied Science and Computations	1076-5131	2019	SCOPUS	http://j-asc.com/gallery/272-april-2552.pdf
ACADEMIC YEAR 2017 - 2018							
1	Dr. R. Kanimozhi	Decisive High-Utility Item Set Mining -An Innovative Algorithm for Mining The High Utility Item sets	International Journal of Computer Engineering & Technology (IJCET)	0976-6375	2017	Scopus Indexed	http://www.iaeme.com/ijcet/is_sues.asp?JType=IJCET&VType=8&IType=4
2	Dr. K. Bhuvaneshwari	Privacy Preserving Association Rule Mining from Highly Secured Outsourced Databases	International Journal of Computer Engineering and Technology (IJCET)	0976-6367	2017	Scopus Indexed	http://www.iaeme.com/ijcet/is_sues.asp?JType=IJCET&VType=8 &IType=4

ACADEMIC YEAR 2016 - 2017

1	Dr. R. Kanimozhi	Fast and Parallel Mining of K High Utility Item Set	International Journal of Scientific & Engineering Research	2229-5518	2016	UGC Approved	http://www.ijser.org/research-paper-publishing-november-2016.aspx
2	Mrs. V. Rathika	Analysis of Data Quality Issues in Big Data Migration Process	International Journal of Mechanical Engineering and Information Technology	2348-196x	2016	UGC Approved	https://www.researchgate.net/publication/308274232_Analysis_of_Data_Quality_Issues_in_BigData_Migration_Process
3	Dr. K. Bhuvaneshwari	An Embedded Car Parts Sale of Mercedes Benz with OLAP Implementation (Case Study: PT.Mass Sarana Motorama)	International Journal of Scientific & Engineering	2229-5518	2016	UGC Approved	http://www.ijser.org/research-paper-publishing-november-2016.aspx

ACADEMIC YEAR 2015 - 2016

1	Mrs. V. Rathika	Big Data Migration in the Cloud Environment - An Overview	International Journal of Computer Applications	0975 - 8887	2015	UGC Approved	http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.741.2193&rep=rep1&type=pdf
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2	Dr. K. Bhuvaneshwari	Collective Intelligence of Human Conversational	International Journal of Advanced Research Trends in Engineering and Technology (IJARTET)	2394-3777	2016	Scopus Indexed	https://www.researchgate.net/publication/304570638
ACADEMIC YEAR 2014 - 2015							
1	Mrs. V. Rathika	Automated Data Validation Framework for Data Quality in Big Data Migration Projects	SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE)	2348 – 8387	2014	UGC Approved	https://pdfs.semanticscholar.org/e4e5/b1f9fe6ca0dfab2d121daba1a2d8581a89de.pdf
ACADEMIC YEAR 2013 - 2014							
1	Mrs. V. Rathika	General Aspect of (Big) Data Migration Methodologies	SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE)	2348 –8387	2014	UGC Approved	http://internationaljournalssrg.org/IJCSE/paper-details?Id=33

STUDENTS PUBLICATION PARTICULARS

S.NO	NAME OF THE AUTHOR(S)	CLASS	TITLE OF THE PAPER	JOURNAL NAME	ISSN/ ISBN	YEAR OF PUBLICATION	PUBLISHED IN	JOURNAL LINK
ACADEMIC YEAR 2019 - 2020								
1	Ms. S. Mathumitha & S. Arthi	III BCA A	A Method of Network Security Based on Firewall Techniques	IJAEMA	0886 - 9367	AUG 2019	UGC Care List Group II	http://ijaema.com/VOLUME-11-ISSUE-8-AUGUST-019-S P-3/
2	Ms.S.Sowntharya & Ms. K. Aruna	III BCA A	A Novel Method for Network Security Based on Ranking and Web Browser					
3	Ms. S. Subasri & Ms. H. Haslina Begum	III BCA A	Classification and Experimental Analysis of Cyber Security Dataset					
4	Ms. V. Manju Arthi & Ms. H. Aysha	III BCA A	Network Security in Organizational Networks for various Vulnerabilities					

5	Ms. R. Arthi & Ms.M. R. Arthi	III BCA A	Cyberspace Cryptography for Internet using Quantum Protocol	IJAEMA	0886 - 9367	AUG 2019	UGC Care List Group II	http://ijaema.com/VOLUME-11-ISSUE-8-AUGUST-019-S P-3/
6	Ms. P. Sushmitha & Ms. K.Sivasri	III BCA A	Enhanced Network Security Using Graph Theory					
7	Ms. R. Vijayalakshmi	III BCA B	IOT Based Network Security for Smart Homes					
8	Ms. M. Elavarasi & Ms. S. Abinaya	III BCA A	Advantages and Tools Used in Big Data Management					
9	Ms. V. S. Leela Kumari	III BCA B	An Outlook of Data Over Big Data Analytics					

BOOK PUBLICATION PARTICULARS

S.NO	NAME OF THE FACULTY	TITLE OF THE BOOK	NAME OF THE PUBLISHER	ISSN/ISBN	PUBLICATION LINK
ACADEMIC YEAR (2021-2022)					
1	Dr. R. Kanimozhi	Programming in C	Blue Rose Publisher	978-93-5472-569-2	
	Mrs. V. Rathika				
	Dr. K. Bhuvaneshwari				
	Mrs. S. Hemalatha				
2	Dr. R. Kanimozhi	Office Management Tools	New Century Book House Pvt. Ltd.	978-81-2344-245-7	-
	Mrs. V. Rathika				
	Dr. K. Bhuvaneshwari				

PATENTS

S.NO.	NAME OF THE AUTHOR	TITLE OF THE PAPER	NATIONAL / INTERNATIONAL	PATENT NUMBER	YEAR OF PUBLICATION
ACADEMIC YEAR (2024 - 2025)					
1	Dr. V. Rathika	IOT - Enabled Smart Helmet	National	202541034335	2025
2	Dr. D. Meenakshi	Smart Speech Recognition Computing Device for Multilingual Communication.	International	6428339	2025

AWARDS

S.NO.	DATE	NAME OF THE STAFF	AWARD	EVENT	ORGANIZATION
ACADEMIC YEAR (2024 - 2025)					
1	05.09.2024	Dr. V. Rathika	Best Professor Award - 2024	Teacher's Day	Silampoli Foundation, Pudukkottai.
ACADEMIC YEAR (2023 - 2024)					
1	26.11.2023	Dr. V. Rathika	Best Professor Award - 2023	Teacher's Day	Magilam Thamil Sangam, Selam.

Seminar / Conference / Workshop / FDP

S.No.	DATE	NAME OF THE STAFF	SEMINAR / CONFERENCE /WORKSHOP / FDP	VENUE
ACADEMIC YEAR (2024 – 2025)				
1	18.06.2024 -23.06.2024	Mrs. S. Balambigai	FDP on “Generative AI”	Kahajamalai Campus, Bharathidasan University, Tiruchirappalli.
2	03.07.2024 - 05.07.2024	Mrs. G. Surya	FDP on “Foundation of Coding using Python”	Kahajamalai Campus, Bharathidasan University, Tiruchirappalli.
3	20.07.2024	Mrs. D. Meenakshi	Ph.D Viva Voce	Jamal Mohamed College (Auto), Tiruchirappalli.
4	02.09.2024 - 06.09.2024	Dr. V. Rathika	Five Day Virtual FDP on “Skill Enhancement Program for Teachers”	Virtual Mode
		Mrs. S. Balambigai		
		Mrs. S. Atchaya		
5	17.10.2024	Mrs. S. Balambigai	Tamil Nadu Astronomy & Science Society- TASS, Noble Prize – 2024 conducted Online Quiz Competition	Virtual Mode

6	25.11.2024 -30.11.2024	Mrs. S. Balambigai	One Week National Level FDP on “Recent Advancements in AI & IOT – Industry Perspective”	Virtual Mode
		Mrs. G. Surya		
		Mrs. S. Atchaya		
7	09.12.2024-17.12.2024	Mrs. S. Balambigai	FDP on “Google Cloud Computing Foundation”	Kahajamalai Campus, Bharathidasan University, Tiruchirappalli.
ACADEMIC YEAR (2023 – 2024)				
1	21.08.2023 - 25.08.2023	Mrs. S. Balambigai	One week National Level FDP on “Cloud Infrastructure(AWS)”	Virtual Mode
2	10.01.2024 - 12.01.2024	Ms. T. Priya	FDP on Data Analytics and Power BI	Virtual Mode
3	22.01.2024 - 24.01.2024	Mrs. D. Meenakshi	FDP on Oracle Cloud Infrastructure	Bharathidasan University, Kajamalai Campus, Tiruchirappalli
4	18.03.2024 - 23.03.2024	Mrs. S. Balambigai	International Virtual FDP on “AI for Educators: A Six Days Faculty Development Journey”	Virtual Mode
ACADEMIC YEAR (2022 – 2023)				
1	06.03.2023 - 10.03.2023	Mrs. D. Meenakshi	FDP on Cyber Security	Bharathidasan University, Kajamalai Campus, Tiruchirappalli