



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 2025 – 2026							
1	Dr.V.Rathika	ECOADAPT: A Real – Time Airplane Routing Framework Using Adaptive AI and Environmental Optimization	--	978-93-6163-359-1	2025	Proceedings of An International Conference on Advances in Aerospace and Navigation Systems	--
ACADEMIC YEAR 2023 – 2024 – NIL							
ACADEMIC YEAR 2023 –2024							

1	Dr.V.Rathika	Evaluation of postigration process using through aggregateoperations in data migration fromstructureddatabase to unstructureddatabase	National conference on ResearchinComputational 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 similarityDetectionin text	Bulletin of Electrical Engineering and Informatics	2124-2130	2022	UGCApproved	https://beei.org/index.php/EEI/article/view/3284
ACADEMIC YEAR 2021 - 2022							
1	Dr.K.Bhuvaneswari	An Effective payload Management(2,3)Scheme for VisualSecretSharing Over Remote Sensing Images	FirstInternationalConference on Electrical, Electronic, Informationand Communication Technologies (ICEEICT)	9768538	2022	IEEE	https://ieeexplore.ieee.org/xpl/conhome/9768398/proceeding

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	UGCCareList 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	UGCCareList 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/etpqjqqrascrcjfgchnuhw74brhwc7j
2	Mrs.V.Rathika	Ensuring Data Integrity While Migration Data from Structured Database to Unstructured Database					https://app.box.com/s/w4j8e5l3ka12kv56blpcdo0ftrtw513k
3	Dr.K.Bhuvaneshwari	Integrated Heart Diseases Prediction using CNN and SVM Techniques					https://app.box.com/s/xaax25cn7ttrgab3povrgoogsn84t
4		Clustering Based E-					http://a

	Dr.K.Bhuvaneswari	Learning in Data Analytics on Basis of Mining Prediction	ADALAYA JOURNAL	1301-2746	2020	UGCCareList Group II	dalyajournal.com/VOLUME-9-ISSUE-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	UGCCareList Group II	https://app.box.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/2018-18-7-9/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.ijcs.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 Databases	International Journal of Engineering Research and	2248-9622	2019	UGC Approved	https://www.ijera.com/paper

		e Downtime	Applications(IJERA)				rs/vol9no8/Series-1/G0908014352.pdf
7	Dr.K.Bhuvaneswari	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.Bhuvaneswari	Prediction of Data Warehouse Model using Dynamic Function Point Analysis	International Journal of Computer Sciences and Engineering	2347-2693	2019	UGC Approved	https://www.ijcseonline.org/pecial_issue.php?pub_id=28

9	Dr.K.Bhuvaneswari	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.Bhuvaneswari	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 Itemsets	International Journal of Computer Engineering & Technology (IJCET)	0976-6375	2017	Scopus Indexed	http://www.iaeme.com/ijcet/issues.asp?JType=IJCET&VType=8&IType=4
2	Dr.K.Bhuvaneswari	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/issues.asp?JType=IJCET&VType=8&IType=4

ACADEMIC YEAR 2016 - 2017							
1	Dr.R.Kanimozhi	FastandParallelMinin gof K High Utility ItemSet	InternationalJo urnalof Scientific&Engi neering Research	2229-5518	2016	UGCApprov ed	http://www.ijser.org/research-paper-publishing-november-2016.aspx
2	Mrs.V.Rathika	AnalysisofDataQuality Issues in Big Data MigrationProcess	InternationalJ ournalof MechanicalEng ineering and Information Technology	2348-196x	2016	UGCApprov ed	https://www.researchgate.net/publication/308274232_Analysis_of_DataQualityIssuesinBigData_Migration_Process
3	Dr. K. Bhuvaneswari	AnEmbeddedCarParts Sale of Mercedes Benz withOLAP Implementation (Case Study: PT.MassSaranaMotora ma)	InternationalJou rnalof Scientific&Engin eering	2229-5518	2016	UGCApprov ed	http://www.ijser.org/research-paper-publishing-november-2016.aspx
ACADEMIC YEAR 2015 - 2016							
1	Mrs.V.Rathika	BigDataMigrationi nthe Cloud Environment - An Overview	InternationalJo urnalof ComputerAppli cations	0975-8887	2015	UGCApprove d	http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.7

							41.2193&rep=rep1&type=pdf
2	Dr.K.Bhuvaneswari	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=detail?s?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	IIIBCA A	A Method of Network SecurityBasedonFire wall Techniques	IJAEMA	0886-9367	AUG2019	UGC Care ListGroupII	http://ijaema.com/VOLUME-11-ISSUE-8-AUGUST-019-S P-3/
2	Ms.S.Sowntharya& Ms. K. Aruna	IIIBCA A	A Novel Method for NetworkSecurityB asedon RankingandWebBr owser					
3	Ms.S.Subasri&Ms. H.HaslinaBegum	IIIBCA A	Classification and ExperimentalAnalysi sof Cyber Security Dataset					

4	Ms.V.ManjuArthi& Ms. H. Aysha	IIIBCA A	Network Security in OrganizationalNet works forvariousVulnera bilities					
5	Ms.R.Arthi &Ms.M.R.Arthi	IIIBCA A	CyberspaceCrypto graphy forInternetusingQ uantum Protocol					
6	Ms.P.Sushmith a& Ms.K.Sivasri	IIIBCA A	EnhancedNetworkSe curity Using Graph Theory	IJAEMA	0886- 9367	AUG2019	UGC Care ListGroupII	http://ijaema.com/VOLUME-11-ISSUE-8-AUGUST-019-S P-3/
7	Ms.R.Vijayalakshmi	IIIBCA B	IOT Based Network SecurityforSmartH omes					
8	Ms.M.Elavarasi& Ms. S. Abinaya	IIIBCA A	AdvantagesandTool sUsed in Big Data Management					
9	Ms.V.S.LeelaKumari	IIIBCA B	AnOutlookofDataOv erBig DataAnalytics					

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	ProgramminginC	BlueRosePublisher	978-93-5472-569-2	
	Mrs.V.Rathika				
	Dr.K.Bhuvaneswari				
	Mrs.S.Hemalatha				
2	Dr.R.Kanimozhi	OfficeManagementTools	NewCenturyBookHouse Pvt. Ltd.	978-81-2344-245-7	-
	Mrs.V.Rathika				
	Dr.K.Bhuvaneswari				

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-EnabledSmartHelmet	National	202541034335	2025
2	Dr.D.Meenakshi	Smart Speech Recognition ComputingDeviceforMultilingual 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	BestProfessor Award - 2024	Teacher'sDay	SilampoliFoundation, Pudukkottai.
ACADEMIC YEAR (2023 – 2024)					
1	26.11.2023	Dr.V.Rathika	BestProfessor Award - 2023	Teacher'sDay	MagilamThamilSangam, Selam.

Seminar / Conference / Workshop / FDP

S.No.	DATE	NAME OF THE STAFF	SEMINAR / CONFERENCE /WORKSHOP / FDP	VENUE
ACADEMIC YEAR (2025 – 2026)				
1	09.06.2025-14.06.2025	Mrs.S.Atchaya	FDP on“Generative AI With IBM”	BharathidasanUniversity, Tiruchirappalli.
2	16.06.2025-21.06.2025	Ms.M.Devika	FDP on“Full Stack – Front End Development”	BharathidasanUniversity, Tiruchirappalli.
3	11.08.2025 - 15.08.2025	Dr. V.Rathika Mrs.S. Balambigai Mrs.S.Atchaya Ms.T.Priya Mrs.B. Yuvhasri Ms.M. Devika	Five Day Virtual FDP on “Emerging Paradigms in Computing and Technology Driven Education”	Virtual Mode, Organized by School of Computer Science and Technology, DMI – ST, Eugene University, Zambia.
4	22.09.2025 - 26.09.2025	Mrs.B. Yuvhasri Ms.M. Devika	Five Day Virtual FDP on “The Art of Proposal Writing”	Virtual Mode, Organized by MCC Research Colloquim, Chennai.

5	10.11.2025 - 14.11.2025	Mrs.B. Yuvhasri	Five Day Virtual FDP on "Salesforce Administrator"	ICT Academy, Idhaya College for Women, Kumbakonam.
		Ms.M.Devika		
6	29.12.2025-04.01.2026	Ms.M.Devika	FDPon"System Admin with IT Service Management and AI Emphasis"	Jamal Mohamed College, Tiruchirappalli.
ACADEMIC YEAR (2024 – 2025)				
1	18.06.2024-23.06.2024	Mrs.S. Balambigai	FDPon"GenerativeAI"	KahajamalaiCampus, BharathidasanUnivers ity, Tiruchirappalli.
2	03.07.2024-05.07.2024	Mrs.G.Surya	FDPon"FoundationofCodingusingPython"	KahajamalaiCampus, BharathidasanUnivers ity, Tiruchirappalli.
3	20.07.2024	Mrs.D.Meenakshi	Ph.DVivaVoce	JamalMohamedCollege(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, NoblePrize– 2024conductedOnlineQuizCompetition	VirtualMode
6	25.11.2024-30.11.2024	Mrs.S.Balambigai		

		Mrs.G.Surya	OneWeekNationalLevelFDPon“Recent AdvancementsinAI&IOT- IndustryPerspective”	VirtualMode
		Mrs.S.Atchaya		
7	09.12.2024-17.12.2024	Mrs.S.Balambigai	FDPon“GoogleCloudComputingFoundation”	KahajamalaiCampus, BharathidasanUniversity, Tiruchirappalli.
ACADEMIC YEAR (2023 – 2024)				
1	21.08.2023-25.08.2023	Mrs.S.Balambigai	OneweekNationalLevelFDPon“Cloud Infrastructure(AWS)”	VirtualMode
2	10.01.2024-12.01.2024	Ms.T.Priya	FDPonDataAnalyticsandPowerBI	VirtualMode
3	22.01.2024-24.01.2024	Mrs.D.Meenakshi	FDPonOracleCloudInfrastructure	Bharathidasan University, Kajamalai Campus, Tiruchirappalli
4	18.03.2024-23.03.2024	Mrs.S.Balambigai	InternationalVirtualFDPon“AIforEducators:A Six Days Faculty DevelopmentJourney”	VirtualMode
ACADEMIC YEAR (2022 – 2023)				
1	06.03.2023-10.03.2023	Mrs.D.Meenakshi	FDPonCyber Security	BharathidasanUniversity, KajamalaiCampus, Tiruchirappalli