



IDHAYA COLLEGE FOR WOMEN (AUTONOMOUS) KUMBAKONAM

Accredited with A+ Grade by NAAC 1st Cycle

DEPARTMENT OF COMPUTER SCIENCE

FACULTY PUBLICATIONS

S. NO.	NAME OF THE AUTHOR (S)	TITLE OF THE PAPER	JOURNAL NAME	ISSN / ISBN	YEAR	PUBLISHED IN	JOURNAL LINK
ACADEMIC YEAR 2024 - 2025							
1	Dr. C. Premila Rosy	Key Policy Attributes Based Temporary Keyboard Search Scheme for Secure Cloud Storage	National Conference on Data Science and Applications Proceeding	ISBN: 978-81-979721-26	2024	Dept. of Computer Applications, STET College, Mannagudi	-
2	Dr. R. Indhumathi	Automated Detection and Classification of Diabetic Retinopathy using Machine Learning and Ensemble Techniques	Journal of Information Systems Engineering and Management	e-ISSN :2468-4376	2025	Scopus	https://doi.org/10.52783/jisem.v10i12s.1941
3	Dr. C. Premila Rosy	A Deep Learning Model for Classification of Facial Imfacials	IAPQR Transactions	ISSN 0970-0102	2025	UGC CARE Group 1	-
4	Dr. C. Premila Rosy, A. Belipsa Britto	Comprehensive Review of Recent Advances and Challenges in Data Mining					

5	Dr. C. Premila Rosy, S. Sarmatha	Data Analytics For Knowledge Enhancement System Based on K- Nearest Neighbor Algorithm	IAPQR Transactions	ISSN 0970- 0102	2025	UGC CARE Group 1	-
6	J. Sowndhariya	The Rise of Cloud Computing: A Study on Types, Growth and Model References					
7	Mrs. V. Vijayalakshmi	A Novel Framework for Scene Segmentation in Remote Sensing: Accuracy Meets Efficiency					
8	Dr. A. Fairosebanu	The World of Generative AI: Revolutionary Innovation and Ethical Concerns A Comprehensive Review of Technologies, Applications and Societal Impacts					
9	Mrs. S. Lalli	Artificial Intelligence Revolution: A Comparative Analysis of Innovations in Applications and Learning Techniques					
10	Dr. R. Indhumathi	Improving the Performance of Large Dataset Using Machine Learning Models					

11	Dr. R. Indhumathi	Detection and Classification of COVID-19 and Pneumonia Using Chest X-Ray Images	International Conference on Intelligent Systems and Sustainable Computing	ISBN 978-981-97-8355-7	2025	Springer, Singapore	Detection and Classification of COVID-19 and Pneumonia Using Chest X-Ray Images SpringerLink
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FACULTY & STUDENT PUBLICATIONS

S. NO.	NAME OF THE AUTHOR (S)	TITLE OF THE PAPER	JOURNAL NAME	ISSN / ISBN	YEAR	PUBLISHED IN	JOURNAL LINK
ACADEMIC YEAR 2024 - 2025							
1	Dr. C. Premila Rosy B. Reena	Sentimental Analysis is used for the Analysis and Prediction of Online Review	Data Science and Applications Proceeding	ISBN: 978-81-979721-26	2024	Dept. of Computer Applications, STET College, Mannargudi.	-
2	S. Abinaya Dr. A. Fairrosebanu	Online Crime Reporting and Management System	IAPQR Transactions	ISSN: 0970-0102	2025	UGC CARE listed journal	-
3	P. Anupriya Dr. R. Indhumathi	A Congestion Management System for Background Data Transfers Aimed at Reducing Latency Sing Churn Resilient Protocol					

4	H. Heena Dr. C. Premila Rosy	Adaptive Query Generator using Facets in Big Data Analytics	IAPQR Transactions	ISSN: 0970-0102	2025	UGC CARE listed journal	-
5	G. Keerthana Dr. C. Premila Rosy	A Novel Approach to Predict Blood Group Identification System using Machine Learning					
6	S. Manju Mrs. S. Lalli	Improved Occlusion Therapy for Amblyopic Pattern Technique					
7	M. Nasuha Fathima, Dr. C. Premila Rosy	AI Based Patient Health Monitoring System					
8	N. Nithyasri, Dr. C. Premila Rosy	Sentiment Analysis of Food Review using Neural Networks					
9	Noor Sajlina, Dr. C. Premila Rosy	Classification of Skin Cancer Detection using Machine Learning					
10	K. Sivaranjani, Dr. C. Premila Rosy	Regulating Document Streams on Top-K using Monitoring System					
11	B. Sowndarya, Mrs. S. Lalli	Fraud Detection in Mobile Applications Utilizing Rank-Based Approaches in Artificial Intelligence					
12	R. Sumathi, Dr. R. Indhumathi	Automatic Detection of Node Failure Techniques using Churn Resilient Protocol					

13	S.Swetha, Dr. A. Fairrosebanu	A Constraint-Based Temporal Task Scheduling System Aimed at Maximizing Profits in Artificial Intelligence	IAPQR Transactions	ISSN: 0970- 0102	2025	UGC CARE listed journal	-
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BOOK PUBLICATIONS

S.NO.	AUTHOR	TITLE	PUBLISHER	ISBN	YEAR
ACADEMIC YEAR (2024 - 2025)					
1	Dr. C. Premila Rosy	Artificial Intelligence and Machine Learning	Charulatha Publication	ISBN: 978-93-6260-673-0	2025

EDITOR / COEDITOR / REVIEWER / BOARD OF STUDIES / RESOURCE PERSON

S. NO.	DATE	NAME OF THE STAFF	EDITOR / COEDITOR / REVIEWER / BOARD OF STUDIES / RESOURCE PERSON	TITLE OF THE EVENT	ORGANIZATION
ACADEMIC YEAR (2024 - 2025)					
1	2025 to 2028	Dr. C. Premila Rosy	Board of Studies	-	Bharathidasan University, Tiruchirappalli

2	20.02.2025	Dr. C.Premila Rosy	Resource Person	Protecting Women in the Digital World	NSS Camp held at Aariyapadaiveedu
3	21.04.2025	Dr. C.Premila Rosy	Subject Expert	Data Science (New Course)	Swami Dayananda College of Arts and Science, Manjukudi
4	24.04.2025	Dr. C.Premila Rosy	Subject Expert	Artificial Intelligence and Machine Learning (New Course)	Kongu College of Arts and Science, Karur
5	14.05.2025	Dr. C.Premila Rosy	Subject Expert	Permanent Affiliation of B. Sc Computer Science	Rajagiri Dawood Batcha College of Arts & Science

PATENT

S. NO.	NAME OF THE AUTHOR	TITLE OF THE PAPER	NATIONAL / INTERNATIONAL	PATENT NUMBER	YEAR OF PUBLICATION
ACADEMIC YEAR (2024 – 2025)					
1	Dr. R. Indhumathi	A Noval Approach for Classification of Data Using Machine Learning and Feature Extraction Using Data	National	202441048244A	05.07.2024
2	Dr. C. Premila Rosy	Transforming Personalised Learning in Higher Education to Predict Student Success Using Machine Learning Approach	National	202441057072A	02.08.2024

3	Mrs. S. Lalli	IOT – Based Intelligent Energy Management for Hybrid Electric Vehicles Using Machine Learning Algorithm	National	202441058815A	09.08.2024
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AWARDS

S.NO.	DATE	NAME OF THE STAFF	AWARD	EVENT	ORGANIZATION
ACADEMIC YEAR (2024 – 2025)					
1	05.01.2025	Dr. C. Premila Rosy	Peak Performer of the Year 2024	South Iconic award	Kaalai Kathirgal & People Welfare Organaisation, Chennai.

SEMINARS / CONFERENCES / WORKSHOPS / FDP'S

S. NO.	DATE	NAME OF THE STAFF	FDP	VENUE
ACADEMIC YEAR (2024 – 2025)				
1	18.06.2024 to 23.06.2024	Mrs. V. Vijayalakshmi	Nan Mudhalvan FDP - Generative AI	Bharathidasan University, Tiruchirappalli
2	01.07.2024 to 05.07.2024	Mrs. R. Subulakshmi	Nan Mudhalvan FDP - Object Oriented Program using Python	Bharathidasan University, Tiruchirappalli
3	05.08.2024 to 10.08.2024	Dr. C. Premila Rosy	Online FDP - Indian Knowlegde Systems An Introduction	Gokul Global University at Siddhpur.

4	02.09.2024 to 06.09.2024	Dr. C. Premila Rosy	Virtual FDP - Skill Enhancement Programme for Teachers	Stella Martina College of Education, Chennai and Srividhya College of Arts & Science, Virudhunagar.
		Dr. A. Fairosebanu		
		Mrs. S. Lalli		
		Dr. R. Indhumathi		
5	13.11.2024 to 17.11.2024	Dr. R. Indhumathi	Online FDP - Mastering the Art of Research: Idea to Publication	SR University, Warangal.
6	09.12.2024 to 17.12.2024	Dr. R. Indhumathi	Naan Mudhalvan FDP - Google Cloud Computing Fundamental	Bharathidasan University, Tiruchirappalli
7	17.03.2025 to 21.03.2025	Dr. C. Premila Rosy	Online FDP - Innovative Applications of Artificial Intelligence in Cyber Security	Dept. of Computer Applications, Madanapalle Institute of Technology and Science

FACULTY PUBLICATIONS

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. C. Premila Rosy	Data Analytics for Knowledge Enhancement System Based on K-Nearest Neighbor Algorithm	National Conference on "Research in Computational Intelligence Methods" (Proceedings)	978-93-84008-04-8	2024	Department of Computer Science, Idhaya College for Women, Kumbakonam	-

2	Dr. R. Indhumathi	Deep Learning Approach for Identifying Finger Print Images	National Conference on "Research in Computational Intelligence Methods" (Proceedings)	978-93-84008-04-8	2024	Department of Computer Science, Idhaya College for Women, Kumbakonam	-
3	Ms. A. Fairosebanu	Allocated Genetic Algorithm for Process Scheduling in Current Process					
4	Mrs. S. Lalli	Computerised Analysis of Covid 19 and Pneumonia using X-Ray Images					
5	Ms. A. Nahomiyal	A Review of Various Graphical Password Schemes					
6	Ms. R. Janani	Concerning self-Effacement Dissociation in computation of truth Revelation					

FACULTY & STUDENT PUBLICATIONS

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	N. Thaiyalnayagi Dr. C. Premila Rosy	Innovative Cluster-Based Strategies for Empowering Women's Self-Help Groups	National Conference on "Research in Computational Intelligence Methods" (Proceedings)	ISBN: 978-93-80714-80-6	2024	Department of Computer Science, Idhaya College for Women, Kumbakonam	-
2	A. Abinaya A. Fairrosebanu	AI-Driven Chatbot System for Personalized E-Commerce Assistance					
3	A. Abinaya Dr. C. Premila Rosy	Secure Organ Donation using Block Chain Technology					
4	S. Suwetha Dr. R. Indhumathi	Breast Cancer Detection using Deep Learning Ultrasound Images					
5	N. Abinaya Dr. C. Premila Rosy	An Intelligent UPI Fraud Detection System Using Machine Learning Algorithms					
6	W. Surya Dr. C. Premila Rosy	Analyzing the Impact of CRM on Digital Marketing Communication Effectiveness					
7	R. Abinaya A. Fairrosebanu	Indoor Positioning System Using Magnetic Field Map Navigation and Estimation					

8	K. Bhuvana Dr. R. Indhumathi	Designing a Movie Success Prediction System Using Python	National Conference on "Research in Computational Intelligence Methods" (Proceedings)	ISBN: 978-93-80714-80-6	2024	Department of Computer Science, Idhaya College for Women, Kumbakonam	-
9	R. Sivapriya Dr. R. Indhumathi	Optimized Distribution Center Placement using Enhanced Bald Eagle Algorithms					
10	R. Bhuvaneshwari Dr. R. Indhumathi	A Secured Framework for Land Registration on the Block Chain					
11	S. Shifa Yasmin Dr. C. Premila Rosy	A Study on Novel Hybrid Systems for Textual-Graphical Authentication					
12	V. Durga Dr. C. Premila Rosy	Stress Detection In IT Professionals by Image Processing and Artificial Intelligence					
13	S. Saranya A. Nahomiyal	Patient Electronic Health Records using Block Chain Security Framework					
14	S. Indhumathi Dr. R. Indhumathi	Sentiment Analysis in Social Media Data for Early Depression Detection					
15	R. Sampritha Dr. C. Premila Rosy	Secure and Transparent Assessment Management using Blockchain					
16	B. Indhumathy A. Fairrosebanu	Deep Fake Face Detection using Machine Learning					

17	M. Renuka Devi A. Fairrosebanu	A Neural Based Approach for Detecting the Situational Information from Twitter during Disaster	National Conference on "Research in Computational Intelligence Methods" (Proceedings)	ISBN: 978-93-80714-80-6	2024	Department of Computer Science, Idhaya College for Women, Kumbakonam	-
18	E. Jansi Rani S. Lalli	Brain Tumor Detection and Classification Using Hybrid Genetic Algorithms and Artificial Neural Networks					
19	M. Reena Mary Dr. C. Premila Rosy	DNA-Based Selective Image Encryption Using Chaotic Visual Encryption					
20	K. Kalaimahal Dr. C. Premila Rosy	UPI Fraud Detection Using Machine Learning					
21	R. Ragavi Dr. C. Premila Rosy	Employee Layoff Prediction using Recurrent Neural Network					
22	R. Kanimozhi A. Nahomiyal	Secure Authentication Mechanism for Deduplicated Cloud Storage Systems with Password-Protected Encryption Keys					
23	S. Priyanga A. Nagomiyal	Enhancing Investment Strategies using Deep Neural Networks					

24	M. Kavitha Dr. R. Indhumathi	Multi Crop Convolutional Neural Networks for Fast Lung Nodule Segmentation	National Conference on "Research in Computational Intelligence Methods" (Proceedings)	ISBN: 978-93-80714-80-6	2024	Department of Computer Science, Idhaya College for Women, Kumbakonam	-
25	M. Preethi S. Lalli	Enhancing Online Shopping Experience with an AI-Driven E-Commerce Chatbot					
26	V. Kirubasree A. Lalli	Enhancing Computer-Aided Teaching through Automatic Animation and Visualizations					
27	K. Narmadha Dr. C. Premila Rosy	Student Engagement Prediction in online Classes using Image Processing					
28	H. Lakshmi Keerthika Dr. C. Premila Rosy	Integrating E-Learning Outcomes into Teaching Content and Assessments					
29	S. Monika A. Fairrosebanu	Intelligent Traffic System for Urban Conditions using Real-time Vehicle Tracking					
30	S. Sneha S. Lalli	Enhancing Market Prediction Accuracy through Collaborative Filtering Techniques					

31	Dr. C. Premila Rosy K. Narmadha	Suspect Prediction Crime Analysis Investigation Tracker the Crime	National Conference on "Research in Computational Intelligence Methods" (Proceedings)	ISBN: 978- 93-80714- 80-6	2024	Department of Computer Science, Idhaya College for Women, Kumbakonam	-
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BOOK CHAPTER PUBLICATION

S.NO	NAME OF THE AUTHOR(S)	TITLE OF THE PAPER	JOURNAL NAME	ISSN / ISBN	YEAR	PUBLISHED IN	WEB LINK
ACADEMIC YEAR 2023 - 2024							
1	Dr. R. Indhumathi	Facial Emotion Recognition Using Osmotic Computing	Advanced Applications in Osmotic Computing	10.4018/979- 8-3693- 1694- 8.ch001	2024	IGI Global Publication, Pennsylvania, USA	Facial Emotion Recognition Using Osmotic Computing: Computer Science & IT Book Chapter IGI Global (igi-global.com)

EDITOR / COEDITOR / REVIEWER / BOARD OF STUDIES / RESOURCE PERSON

S.NO.	DATE	NAME OF THE STAFF	EDITOR / COEDITOR / REVIEWER / BOARD OF STUDIES / RESOURCE PERSON	TITLE OF THE EVENT	ORGANIZATION
ACADEMIC YEAR 2023 – 2024					
1	02.11.2023	Dr. C. Premila Rosy	Resource Person	Workshop on “Python Essentials”	MASS College of Arts & Science, Kumbakonam
2	16.02.2024	Dr. C. Premila Rosy	Editor	National Conference on “Research in Computational Intelligence Methods”	Department of Computer Science, Idhaya College for Women, Kumbakonam
		Dr. R. Indhumathi	Coeditor		
		Ms. A. Fairrosebanu	Coeditor		
		Mrs. S. Lalli	Coeditor		
3	19.02.2024 & 20.02.2024	Dr. C. Premila Rosy	Resource Person	National Conference on “Emerging Trends in Artificial Intelligence”	STET College, Mannargudi

PATENT

S.NO.	NAME OF THE AUTHOR	TITLE OF THE PAPER	NATIONAL / INTERNATIONAL	PATENT NUMBER	YEAR OF PUBLICATION
ACADEMIC YEAR 2023 – 2024					
1	Dr. R. Indhumathi	Credit Card Sham Spotting using Melm and DTRF based on Machine Learning and Deep Learning Algorithms	National	202341051969	2023

AWARDS

S.NO.	DATE	NAME OF THE STAFF	AWARD	EVENT	ORGANIZATION
ACADEMIC YEAR 2023 – 2024					
1	15.10.2023	Dr. C. Premila Rosy	Thagaisar Aasiriyar 2023	Teacher's Day	Paatham Organization and Natpuravu Welfare Association, Kumbakonam
2	15.12.2023	Dr. C. Premila Rosy	Global Eminent Teacher Award 2023	Teacher's Day	VJ Trust, Chennai
3	17.12.2023	Dr. C. Premila Rosy	Academic Excellence Award	Aram Award 2023	Aram Foundation, Chennai
4	02.02.2024	Dr. C. Premila Rosy	Vallalar Award	Teacher's Day	Sanga Ilakiya Aaivu Naduvam

SEMINARS / CONFERENCES / WORKSHOPS / FDP'S

S.NO.	DATE	NAME OF THE STAFF	FDP	VENUE
ACADEMIC YEAR 2023 – 2024				
1	24.07.2023 to 26.07.2023	S. Lalli	FDP on “Foundation on Cloud”	Kahajamalai Campus, Bharathidasan University, Tiruchirappalli
2	25.07.2023	Dr. C. Premila Rosy	Workshop on “AI as a Magical Tool for Teacher Opportunities and Challenges”	Sacred Heart College, Thevara, Kerala.
		Dr. R. Indhumathi		
		S. Lalli		
3	11.09.2023 to 15.09.2023	Dr. C. Premila Rosy	Workshop on “Research Proposal Writing for Funding Projects”	Gomsguru Academy, Bangalore
4	20.09.2023 to 22.09.2023	A. Nahomiyal	FDP on “Problem Solving Skills”	ICT Academy
5	10.01.2024 to 12.01.2024	R. Janani	FDP on “Data and Analytical Power BI”	Kahajamalai Campus, Bharathidasan University, Tiruchirappalli
6	22.01.2024 to 30.01.2024	A. Nahomiyal	FDP on “Field Implmentation on Oracle Cloud Infrastructure(OCI)”	Kahajamalai Campus, Bharathidasan University, Tiruchirappalli

FACULTY & STUDENT PUBLICATION PARTICULARS

BOOK CHAPTERS

S.NO	NAME OF THE AUTHOR(S)	TITLE OF THE PAPER	JOURNAL NAME	ISSN / ISBN	YEAR	PUBLISHED IN	WEB LINK
ACADEMIC YEAR 2022 – 2023							
38	Dr. C. Premila Rosy	Share Medical Records Based on Cloud Computing With Security and Avoid Interventions	Futuristic Trends in Information Technology	ISBN: 978-93-95632-72-0	2023	Iterative International Publishers from Selfypage Developers	https://www.rsquarel.org/viewpaper.php?pid=1727&pt=share-medical-records-based-on-cloud-computing-with-security-and-avoid-interventions
	Mrs. R. Priyangandhi						
	Ms. T. Kaviyarasi						
	Ms. M. Asha						
	Ms. T. Nivetha						
39	Dr. C. Premila Rosy	A Seclusion and Protection Based on Data De-Duplication in Public Cloud Computing	Futuristic Trends in Information Technology	ISBN: 978-93-95632-72-0	2023	Iterative International Publishers from Selfypage Developers	https://www.rsquarel.org/viewpaper.php?pid=1721&pt=a-seclusion-and-protection-based-on-data-de-duplication-in-public-cloud-computing
	Ms. A. Fairrosebanu						
	Ms. P. Aarthi						
	Ms. S. Bhuvanewari						
	Ms. S. Nikeetha						

PATENTS

S. NO.	NAME OF THE AUTHOR	TITLE OF THE PAPER	NATIONAL / INTERNATIONAL	PATENT NUMBER	YEAR OF PUBLICATION
ACADEMIC YEAR 2022 - 2023					
1	Dr. C. Premila Rosy	Systematic Approach to Study the Early Detection, Prediction and Diagnosis of the Brain Stroke through Six Sigma Methodologies	National	202241049722	2022

FACULTY & STUDENT PUBLICATIONS

S. NO.	NAME OF THE AUTHOR (S)	TITLE OF THE PAPER	JOURNAL NAME	ISSN / ISBN	YEAR	PUBLISHED IN	JOURNAL LINK
ACADEMIC YEAR 2019 - 2020							
1.	M. Mary Priyadharshini II M.Sc(CS) Dr. C. Premila Rosy Head, Dept. of CS	Implementation of Data Mining Techniques to Detect Ranking Fraud	IJCSE	2347 - 2693 (E)	2019	UGC	https://www.ijcseonline.org/special_issue.php?pub_id=28

2	D. Keerthana II M.Sc(CS)	Bilevel Feature Extraction Using Bayesian Inla Approximation	IJCSE	2347 – 2693 (E)	2019	UGC	https://www.ijcseonline.org/special_issue.php?pub_id=28
	Dr. C. Premila Rosy Head, Dept. of CS						
3	S. Subalakshmi II M.Sc(CS)	Hybrid Semantic Ontology Data (HSOD) Analysis Algorithm for Heterogeneous Tourism Information					
	Dr. C. Premila Rosy Head, Dept. of CS						
4	M. Nagalakshmi II M.Sc(CS)	Index of Kumbakonam Using Top – K Query Retrieval Algorithm					
	Ms. M.Vaishnavi Asst. Prof. of CS						
5	D. Kamalavadhani II M.Sc(CS)	User Web Access Record Mining for Business Intelligence					
	Ms. N. Aarthi Asst. Prof. of CS						
6	S.Sterlin II M.Sc(CS)	Predicting Accident Zone in Thanjavur City Using Data Mining Techniques					
	Mrs. K. Lakshmi Asst. Prof. of CS						
7	S. Vishnupriya II M.Sc(CS)	The Design of Decision Support					

	Mrs. M.P. Virgin Mary Asst. Prof. of CS	System to Improve E – Learning Environments					
8	C. Ragavi II M.Sc(CS)	Protecting Location Privacy in Sensor Networking Against a Global Eaves Dropper	IJCSE	2347 – 2693 (E)	2019	UGC	https://www.ijcseonline.org/special_issue.php?pub_id=28
	Mrs. R. Meera Asst. Prof. of CS						
9	Dr. C. Premila Rosy Head, Dept. of CS	A Framework for Analysis of Economic Data Based on Data Mining Techniques					
	N. Gayathri M.Phil(CS)						
10	Dr. C. Premila Rosy Head, Dept. of CS	Methodology for Intrusion Deduction by Using Compound Minimum Support	Adalya Journal	1301 – 2746	2020	UGC – Care Group 2	http://adalyajournal.com/volume-9-issue-2--2020/
	S. Suvedha M.Phil(CS)						
11	Dr. C. Premila Rosy Head, Dept. of CS	The Challenges and Hazard of Cloud Computing					
	G. Sowmiya II M.Sc(CS)						
12	Dr. C. Premila Rosy Head, Dept. of CS	An Effective Calculation of Segment Price Using Data Mining Methods					
	B. Jamuna Rani II M.Sc(CS)						

13	Dr. C. Premila Rosy Head, Dept. of CS	Data Mining Techniques for Heart Disease Survivability Prediction	Adalya Journal	1301 – 2746	2020	UGC – Care Group 2	http://adalyajournal.com/volume-9-issue-2--2020/
	J. Rabacca Cinthiya II M.Sc(CS)						
14	Dr. C. Premila Rosy Head, Dept. of CS	Cryptography Key Exchange Scheme to Provide Security over Network					
	K. Harini Priya II M.Sc(CS)						
15	Dr. C. Premila Rosy Head, Dept. of CS	Implementing the Data Mining Approaches to Classify the Images with Visual Words					
	M. Inthira II M.Sc(CS)						
16	M. Vaishnavi Asst. Prof. of CS	Information Management about Data Mining Efficacy					
	SD. Abirami II M.Sc(CS)						
17	M. Vaishnavi Asst. Prof. of CS	Semantic Data Mining for Network Analysis					
	P. Srividhya II M.Sc(CS)						
18	R. Revathy Asst. Prof. of CS	Eliminating the Noisy Information in Web Pages Using Data Mining					
	P. Dhivya II M.Sc(CS)						
19	J. Sathya Asst. Prof. of CS	Data Tie-Up and Regaining Methods in Cloud Computing					
	B. Vinodha II M.Sc(CS)						

20	A. Fairosebanu Asst. Prof. of CS	Usage of Data Mining in Statistics and Other Fields					
	N. Harini II M.Sc(CS)						
21	A. Fairosebanu Asst. Prof. of CS	Optimization of Attribute Selection Techniques for Data Mining in Discrete Class	Adalya Journal	1301 – 2746	2020	UGC – Care Group 2	http://adalyajournal.com/volume-9-issue-2--2020/
	M. Madumitha II M.Sc(CS)						
22	R. Kannikadevi Asst. Prof. of CS	A Radical Review on Data Mining System Features and Applications					
	R. Gayathri II M.Sc(CS)						

STUDENT PUBLICATION PARTICULARS

S. NO.	NAME OF THE AUTHOR (S)	TITLE OF THE PAPER	JOURNAL NAME	ISSN / ISBN	YEAR	PUBLISHED IN	JOURNAL LINK
ACADEMIC YEAR 2018 - 2019							
1	M. Mary Priyadharshini (II M.Sc)	Implementation of Data Mining Techniques to Detect Ramking Fraud	IJCSE	2347 – 2693 (E)	2019	UGC	https://www.ijcseonline.org/special_issue.php?pub_id=28
2	D. Keerthana (II M.Sc)	Bilevel Feature Extraction Using Bayesian Inla Approximation					

3	M. Nagalakshmi (II M.Sc)	Index of Kumbakonam Using Top – K Query Retrieval Algorithm					
4	S. Subalakshmi (II M.Sc)	Hybrid Semantic Ontology Data (HSOD) Analysis Algorithm for Heterogeneous Tourism Information					
5	D. Kamalavadhani (II M.Sc)	User Web Access Record Mining for Business Intelligence					
6	S.Sterlin (II M.Sc)	Predicting Accident Zone in Thanjavur City Using Data Mining Techniques					
7	S. Vishnupriya (II M.Sc)	The Design of Decision Support System to Improve E – Learning Environments	IJCSE	2347 – 2693 (E)	2019	UGC	https://www.ijcseonline.org/special_issue.php?pub_id=28
8	C. Ragavi (II M.Sc)	Protecting Location Privacy in Sensor Networking Against a Global Eaves Dropper					
9	S. Sindhuja (II M.Sc)	An Efficient Method to Discover Transformed Data Leak					
	M. Valliammai (I M.Sc)						

10	S. Mahalakshmi (II M.Sc)	Effective Content Based Data Retrieval Algorithm for Industrial Manpower Resource Organizer	IJCSE	2347 – 2693 (E)	2019	UGC	https://www.ijcseonline.org/special_issue.php?pub_id=28
	A. Elakiya (I M.Sc)						
11	J. Selvi (II M.Sc)	An Efficient Duplicate Detection Algorithm Using Data Cleansing					
	R. Gayathri (I M.Sc)						
12	A.Ramya (II M.Sc)	K – Subspaces Quantization for Approximate Nearest Neighbour Search					
	S. Sangeetha (I M.Sc)						
13	B. Sivaranjani (II M.Sc)	Web Network Statistics Generator and Analyzer					
	M. Priyadharshini (I M.Sc)						
14	K.R. Devi (II M.Sc)	Green Wave Sleep Scheduling Algorithm					
	K. Harini Priya (I M.Sc)						
15	P. Kiruthiga (II M.Sc)	Crawling Hidden Objects with KNN Queries					
	G. Sowmiya (I M.Sc)						
16	M. Keerthana (II M.Sc)	Predicting Ticket Sales					

	J. Rabeeca Cinthiya (I M.Sc)	Using Web – Based External Factors & Box – Office Data					
17	A.Sangeetha (II M.Sc)	Web Broadcasting and Multi User System					
	M. Tamilarasi (I M.Sc)						
18	N. Brindha (II M.Sc)	Appraisal Evaluation Tool for College Staff					
	P. Dhivya (I M.Sc)						
19	P. Swetha (II M.Sc)	Scalable and Secure Sharing of Personal Health Records in Cloud Computing Using Attribute – Based Encryption	IJCSE	2347 – 2693 (E)	2019	UGC	https://www.ijcseonline.org/special_issue.php?pub_id=28
	P. Srividhya (I M.Sc)						
20	S. Suvetha (II M.Sc)	Lossless and Reversible Data Hiding in Encrypted Images with Public Key Cryptography					
	B. Vinotha (I M.Sc)						

FACULTY PUBLICATION PARTICULARS

S. NO.	NAME OF THE AUTHOR (S)	TITLE OF THE PAPER	JOURNAL NAME	ISSN / ISBN	YEAR	PUBLISHED IN	JOURNAL LINK
ACADEMIC YEAR 2018 - 2019							
1	C. Premila Rosy	Movie Recommendation Model Using Stochastic Gradient Descent for Collaborative Filtering in Social Media Mining	IJCSE	ISSN : 2347-2693 (E)	2019	UGC	https://www.ijcseonline.org/special_issue.php?pub_id=28
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ACADEMIC YEAR 2017 - 2018							
1	C. Premila Rosy	Tourism Forecasting of Various Services Selection in Time Series Data Using Holt-Winter and Statistical Methods	IJCSIS	ISSN: 1947-5500	2017	Scopus	https://sites.google.com/site/ijcsis/vol-15-no-7-jul-2017?tmpl=%2fsystem%2fapp%2ftemplates%2fprint%2f&showprintdialog=1
2	C. Premila Rosy	Forecasting Insists for Place to Study at Resort	IJSER	ISSN: 2347-3878	2017	UGC	https://www.ijser.in/archives/v5i7/v5i7.php
3	C. Premila Rosy	A Study on Hotel Reservation Trends of Mobiles App Via Smartphone	ISOR – JCE	e-ISSN: 2278-0661, p-ISSN: 2278-8727	2017	UGC	http://www.iosrjournals.org/iosr-jce/pages/16(6)version-1.html
4	C. Premila Rosy	Evaluating & Forecasting Room Demands in Tourist Spot using Holt-Winter Method	IJCA	0975 – 8887	2017	UGC	https://www.ijcaonline.org/archives/volume172/number2/28223-2017915072

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2	J. Lavanya	Web usage Mining Process for Suggested System Based on Ontology	IJRTS	ISSN : 2348-1439	2016	UGC	https://www.ijrts.com/Vol3Issue7.php

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ACADEMIC YEAR 2015 - 2016							
1	C. Premila Rosy	Intelligent System to Support Judgmental Business Forecasting: The Case of Unconstraint Hotel Room Demand in Hotel Advisory System	IJSR	ISSN: 2319 - 7064	2015	UGC	https://www.ijsr.net/get_abstract.php?paper_id=SUB15294
2	C. Premila Rosy	Intelligent System to Support Judgmental Business Forecasting: Unconstraint Hotel Room Demand in Analytical Hierarchy Process	IJAER	ISSN: 0973-4562	2015	UGC	https://www.researchgate.net/publication/283480170_Intelligent_system_to_support_judgmental_business_forecasting_Unconstraint_hotel_room_demand_in_analytical_hierarchy_process

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ACADEMIC YEAR 2014 - 2015							
1	C. Premila Rosy	Intelligent System to Support Judgmental Business Forecasting: The Case of Unconstraint Hotel Room Demand	IJCSE- SSRG	ISSN: 2278-8727	2014	UGC	http://internationaljournalssrg.org/IJCSE/paper-details?id=26

2	C. Premila Rosy	Intelligent System to Support Judgmental Business Forecasting: The Case of Hotel Room Demand in Hotel Revenue Management System	ISOR – JCE	e-ISSN: 2278-0661, p-ISSN: 2278-8727	2014	UGC	https://iosrjournals.org/iosr-jce/papers/Vol16-issue6/Version-1/F016615056.pdf
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