Name	**: Dr.R.Revathi**
Designation	**: Assistant Professor**
Department	: Artificial Intelligence
Qualification	: **M.Sc.,M.Phil.,MBA.,M.Ed.,Ph.D**
Experience	**:** Teaching -14 Years
Research	**:** 25 Years

AreaofSpecialization(s) : Image Processing, Data Mining, IoT, Cyber Security

Email(OfficialID) **:** r_revathi@psgrkcw.ac.in

AcademicQualifications

Degree	Branch	Institution/UniversityName	Year of Graduation
Ph.D.	Computer Science	Karpagam University	2014
M.Phil.	Computer Science	Bharthidasan University	2004
M. Sc.	Computer Science	Bharthidasan University	2002
B.Sc.	Computer Science	Bharthidasan University	2000

AdditionalQualifications

Diploma/ Vocational/ Certification	Area of Specialization	Institution/University/AgencyName	Year
Certification	Coursera	PSGR Krishnammal College	2024-2025
Certification	Analytics Vidhya	Revathi	2025

Research Publications (Indexed)

International -35

- Hussain. A,S. L. Swarna,P. Shanmugam ,Ajmal Mohamed ,K. Moorthi ,Revathi. R .Early Identification of Coconut Leaf Diseases using Inception V3 for Precision Agriculture(2025),Proceedings of the 5th International Conference on Soft Computing for Security Applications (ICSCSA-2025)
- S Padmakala, RamyRiad Al-Fatlawy,SowmyaMadhavan,KodaliAnuradha ,Revathi R.Video Captioning Using Inflated 3D Convolution Network Encoder with Decoder for Video Content in Multimedia (2024). International Conference on Network, Multimedia and Information Technology (NMITCON).-IEEE

Other Publications: International/National

Peer-Viewed-40

- Dr.N. Baggyalakshmi , M. Kavidharshini , Dr.R. Revathi.Departmental Store Management System(2023). International Academic Journal of Innovative Research.
- Dr.N. Baggyalakshmi , M. Kavidharshini , Dr.R. Revathi. Procurement with ERP(2023). International Academic Journal of Innovative Research
- Dr.R. RevathiDr.N. Baggyalakshmi , B. Gopika. Beauty Parlour Administration System for Beauty and Wellness(2023). The SIJ Transactions on Computer Networks &Communication Engineering
- Dr.R. RevathiDr.N. Baggyalakshmi , P. Mythri. Accounting and Stock Management in Oil Production(2023). The SIJ Transactions on Computer Networks & Communication Engineering,
- Dr.R. RevathiDr.N. Baggyalakshmi ,T.A. Lakshmisree. Testing the Compressors Performance Using a Mobile Application(2023). The SIJ Transactions on Computer Networks & Communication Engineering,
- Dr.R. RevathiDr.N. Baggyalakshmi , M. Manusha devi. Gate Pass Management System for Students(2023). The SIJ Transactions on Computer Networks & Communication Engineering
- Dr.R. RevathiDr.N. Baggyalakshmi , S. Minu Dalin. Milk and Milk Products Delivery Process Management Systems(2023). The SIJ Transactions on Computer Networks & Communication Engineering
- Dr.R. RevathiDr.N. Baggyalakshmi ,A.S. Dhanushiya.Streamlined Year book Automation System(2023). International Academic Journal of Innovative Research.
- Dr.R. RevathiDr.N. Baggyalakshmi ,M. Anubarathi. Pharmacy Management System(2023). International Academic Journal of Innovative Research.
- Dr.R. RevathiDr.N. Baggyalakshmi , B.C. Danuja. Empowering Users with An Intuitive Web App for Air Compressor Troubleshooting and Optimization(2023).). International Academic Journal of Innovative Research.
- Dr.R. RevathiDr.N. Baggyalakshmi , S. Malar. E-Support System for Identifying the Compressor(2023). International Academic Journal of Innovative Research
- Dr.R. RevathiDr.N. Baggyalakshmi , V. Anugrahaa. Analyzing Restaurant Reviews to Predict Customer Satisfaction Trends(2023). International Academic Journal of Innovative Research.
- Dr.R. RevathiDr.N. Baggyalakshmi , A. Keerthana. Efficient Compressor Testing on Railways with A Mobile Application(2023). International Academic Journal of Innovative Research.

Book Published

- Digital Image Analysis:From Pixels to Patterns
- Python for Data Science

Reviewer in journal

WSEAS journal papers

Participation in Conference

- Hussain. A,S. L. Swarna,P. Shanmugam ,Ajmal Mohamed ,K. Moorthi ,Revathi. R .Early Identification of Coconut Leaf Diseases using Inception V3 for Precision Agriculture(2025),Proceedings of the 5th International Conference on Soft Computing for Security Applications (ICSCSA-2025)
- S Padmakala, RamyRiad Al-Fatlawy,SowmyaMadhavan,KodaliAnuradha ,Revathi R.Video Captioning Using Inflated 3D Convolution Network Encoder with Decoder for Video Content in Multimedia (2024). International Conference on Network, Multimedia and Information Technology (NMITCON).-IEEE
- AnithaD,ThotaSoujanya,SubhraChakraborty,AhmedAlkhayyat,Revathi R. Oral Cancer Detection and Classification Using Deep Learning with DenseNet121-CatBoost Classifier in deep learning(2024). International Conference on Network, Multimedia and Information Technology (NMITCON)-IEEE

- AnithaK,Hassan M Al-Jawahry, SmithaSharath Shankar, JayapalLande, Revathi R. Facial Expression Recognition Using Grid Wise Attention and Distilled Swin Transformerin Networks(2024). International Conference on Network, Multimedia and Information Technology (NMITCON)-IEEE
- M. Maheswari,HaiderAlabdeli,Aruna T M,R. ArchanaReddy,Revathi. R.A Classification of Face Recognition System Using Faster Region-Based Convolutional Neural Network (2024).International Conference on Data Science and Network Security (ICDSNS)-IEEE.
- P. Shanmugam; P. K. Manoj Kumar, Mohammad Manzoor Hussain, Revathi. R,P. Deepa,U. Sakthivelu, A Deep Learning Model-Based Neural Network Framework for Diabetic Foot Ulcer Classification(2024), 5th International Conference on Electronics and Sustainable Communication Systems (ICESC)-IEEE
- Atish Mane Arangarajan M, Dr. Revathi. R ,Rudrala Sivaprasad , Badria Sulaiman Alfurhood. Structural Analysis and Finite Element Methods: Modeling and Simulation in Mechanical Engineering (2024). Journal of Advanced Zoology.
- Ms.Samisha.B.S.Shabana Begum, Dr.Revathi. R,Badria Sulaiman Alfurhood, Maulikchandnani. Cyber Security And Risk Management: Safeguarding Organizations In The Digital Age(2023). Journal of Advanced Zoology.
- Revathi.R and M.Hemalatha, 2013. Object Tracking and Detection in Videos using Block Matching with Intuitionistic Fuzzy Logic (BMIFL) Algorithm', Research Journal of Applied Sciences, Engineering and Technology, Scopus Indexed:0.030

ParticipationinWorkshop

Workshop on Remark Skill Technical Workshop on Ethical Hacking-NIT ,Trichy

Participation in Faculty Development Programme

- FDP on Synergy of Sustainability and Technology Innovation Viksit Bharat 2047
- FDP on AI Enhanced Educational Technology from Vinayaka Mission
- FDP on Artifical Intelligence and Machine Learning by Pantech e Learning
- FDP on Modern Trends in Cloud Computing ,Cloud Security and Goverance by MEASI institute
- FDP on Recent Advancements in AI & ML by St.Joesph's College of Enginering
- FDP on Intelligent Automation: Shaping the Future with AI -GTN Arts College

Indexing and Citations

32 and 333

Contribution

- Acting as a AI Club

- Acting as a Faculty Profile Incharge