



ABOUT THE AUTHORS



Dr. Vidhya Sathish is an Assistant Professor at the VELS Institute of Science, Technology and Advanced Studies (VISTAS) located in Pallavaram, Chennai.
 Verified Profile: She has a verified academic profile with the university email domain at vistas.ac.in.
 Research Areas: Her research focus includes the Internet of Things (IoT).
 Specialization: She specializes in intrusion detection systems.
 Technical Expertise: Her work covers anomaly detection techniques.
 Optimization Algorithms: She has research interest and expertise in Grey Wolf Optimization.
 Publications: She has published academic articles related to her areas of research.
 Citations: Her work has been cited, indicating contribution to her field.
 Google Scholar: She maintains a Google Scholar profile for tracking her academic output.

Role: She is actively involved in research and teaching within the Department of Computer Science or related engineering/technology disciplines at VISTAS.



Dr. R. Kousalya is an Associate Professor in the Department of Computer Science at CHRIST (Deemed to be University).
 She has a strong academic background, having completed her PhD in 2016, MPhil in 2003, MCA in 2000, and BSc in 1995.
 She is actively involved in academic research, particularly in fields like data engineering, knowledge discovery, and cloud computing.
 She serves as a reviewer for scientific articles, including for the Journal of Data Engineering and Knowledge Discovery.
 Her research interests include machine learning models, Internet of Things (IoT) applications, and agriculture-related data, such as crop insurance payout systems.

She has co-authored papers on topics such as "Comparison of security and performance issues in fog enabled cloud computing".

She has experience with spatio-temporal analysis and video instance detection using machine learning algorithms.
 Dr. Kousalya has also contributed to research involving user navigation behavior in data mining.
 Her work is recognized through scholarly, indexed publications, indicating a focus on practical applications of computer science.

She is part of the faculty team at CHRIST (Deemed to be University), which is known for its high academic standards and accredited with an 'A+' Grade by NAAC.



Dr. K. P. Mangani is an Ph.D. scholar at the Department of Computer Science.
 Area of Expertise: Research focuses on Data Mining and Machine Learning techniques.
 Research Application: Specializes in designing models for agriculture, specifically weather-based crop insurance payout estimation.
 Technical Skills: Proficient in applying Sequential Covering Algorithms and machine learning to agro-meteorological data.
 Publication Focus: Co-authored research on utilizing technology to solve agricultural insurance issues.
 Key Project: Worked on predicting insurance payouts based on data-driven models.
 Academic Role: Participated as a researcher contributing to computer science application studies.

Research Interest: Interested in predictive analytics and intelligent computing.
 Data Analysis: Skilled in analyzing agricultural datasets to improve data mining techniques.
 Designing Weather Based Crop Insurance Payout Estimation ...

Dr. K.P. Mangani is an Assistant Professor in the Department of Information Technology at Kongunadu Arts and Science College, Coimbatore.

She has completed her Ph.D. thesis, specializing in the field of Data Mining.
 She is a recognized faculty member with expertise in Data Mining and Spatial Data Mining.
 She has contributed to research regarding machine learning models for agricultural insurance.

Dr. Mangani has published research papers on weather-based crop insurance payout estimation.
 Her research includes the application of CART algorithms for crop insurance recommendations.
 She has worked on IoT-based architectures for estimating optimal mean temperatures in agricultural insurance.
 She participated in Faculty Development Programmes (FDP) on "Advanced Java with Android".

She is part of the Department of Information Technology which focuses on updating students with the latest IT trends.
 She actively contributes to the academic and research community, as indicated by her publications in international journals

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