Dr. Kumar Chandar S

PROFESSOR | SCHOOL OF BUSINESS AND MANAGEMENT

CHRIST (Deemed to be University), Bengaluru, Karnataka – 560029, India

PROFESSIONAL SUMMARY

Dr. Kumar Chandar S is a Professor at the School of Business and Management, CHRIST (Deemed to be University), Bengaluru. He brings over 25 years of experience across technical, managerial and academic roles. His interdisciplinary work connects Computer Science, Artificial Intelligence, computational finance and Management, with research interests spanning financial forecasting, computational intelligence and business applications of data-driven methods.

ACADEMIC QUALIFICATIONS

- D.Sc. in Computer Science – Natural Computing in Computational Finance, Madurai Kamaraj University.
- Ph.D. in Computer Science – Artificial Neural Networks in Business Applications, Madurai Kamaraj University.
- Ph.D. in Management – Marketing, Madurai Kamaraj University.
- M.Phil., Master of Computer Applications (MCA) and Master of Business Administration (MBA).

CURRENT ACADEMIC POSITION

- Professor, School of Business and Management, CHRIST (Deemed to be University), Bengaluru, Karnataka, India.

RESEARCH AREAS AND SPECIALISATION

- Artificial Intelligence and Artificial Neural Networks
- Computational Intelligence and Natural Computing
- Computational Finance and Financial Forecasting
- Stock Market, Foreign Exchange and Commodity Price Prediction
- Machine Learning and Deep Learning
- Soft Computing and Bio-inspired Optimisation
- Image Processing and Image Steganography
- Marketing and Business Analytics

RESEARCH CONTRIBUTIONS

- Computational finance: Research on forecasting foreign exchange rates, stock prices, gold prices and crude oil prices using artificial neural networks, hybrid models and computational intelligence techniques.
- Financial analytics: Work on stock-market movement and trend prediction, technical indicators, multi-source data fusion, graph convolutional neural networks and explainable AI.
- Image processing: Research on image steganography and colour-image segmentation using optimisation techniques.
- Business and technology: Research on financial text analytics, earnings-call transcripts and adoption of Industrial Internet of Things (IIoT) technologies.

SELECTED PUBLICATIONS

- “Deep Learning Framework for Stock Price Prediction Using Long Short-Term Memory,” Soft Computing, 2024.
- “Predicting Stock Market Movement Through Multi-Source Data Fusion Graphs: An Approach Employing Graph Convolution Neural Network,” International Journal of Engineering Trends and Technology, 2024.
- “Enhancing Stock Market Trend Prediction Using Explainable Artificial Intelligence and Multi-source Data,” Fusion: Practice and Applications, 2024.
- “Convolutional Neural Network for Stock Trading Using Technical Indicators,” Automated Software Engineering, 2022.
- “Hybrid Models for Intraday Stock Price Forecasting Based on Artificial Neural Networks and Metaheuristic Algorithms,” Pattern Recognition Letters, 2021.

RESEARCH OUTPUT AND ACADEMIC CONTRIBUTIONS

- The CHRIST University research profile records 40 publications for the period 2009–2026, including journal articles, book chapters, conference proceedings and a book.
- Research and scholarly work across computational intelligence, financial forecasting, image processing and business management.
- Research project: “Forecasting Foreign Exchange Rate Using Computational Intelligence Techniques.”
- Contributor to research and publication initiatives, including an ICSSR-supported journal publication grant.

EDITORIAL AND SCHOLARLY CONTRIBUTIONS

- Editor-in-Chief, Ushus Journal of Business Management, CHRIST (Deemed to be University).
- Editorial Board Member, AACST Newsletter.
- Life Member, Association of All Computer Science Teachers (AACST).

AWARDS AND PROFESSIONAL RECOGNITION

- Certified Management Teacher in Strategic Management, Strategic Management Forum of India (2014).
- ITIL V3 Certified in Service Management, Exim Global Certification for Information Management, UK (2013).
- Accredited Management Teacher in Information Technology, All India Management Association, Centre for Management Services, New Delhi (2009).

RESEARCH PROFILE

- CHRIST University · Faculty Profile: https://christuniversity.in/dept/faculty-details/MTczMw==/MzAx
- CHRIST University · IRINS / Vidwan Profile: https://vidwan.inflibnet.ac.in/profile/118264
- Google Scholar: https://scholar.google.com/citations?user=B6gYNcAAAAAJ&hl=en
- ORCID: https://orcid.org/0000-0002-6389-6110
- ResearchGate: https://www.researchgate.net/profile/Kumar-Chandar-S
- LinkedIn: https://www.linkedin.com/in/kumar-chandar-s-53831515/

CONTACT DETAILS

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- Institution: CHRIST (Deemed to be University), Bengaluru, Karnataka – 560029, India.

Profile references: CHRIST University faculty profile; CHRIST University IRINS/Vidwan profile; CHRIST University publication records; and Ushus Journal of Business Management editorial team. Publication and profile details are presented as recorded in these sources.