DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
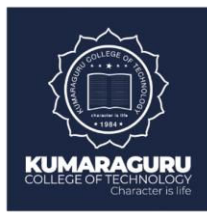
JOURNAL PUBLICATIONS BY FACULTY MEMBERS (2023-2024)

Name	Publication
Ms. Antony Seba P	• **Ms. Antony Seba P** published a paper titled "Hybrid Outlier Detection Strategy and Weighted Decision Matrix Ordinal Classifier for CKD Severity Prediction." in International Journal of Performability Engineering 19.2 (2023). **(Scopus)**
Dr. D. Sudharson	• **D. Sudharson**, Amitha, K. (2023). A novel AI framework for anomaly detection and predictive maintenance in heterogenous networks. *International Journal of Innovative Research in Computer and Communication Engineering*, *11*(7), 9083-9086. **(Scopus)** • **Sudharson, D.,** Malik, R., Sathya, R. R., Vaishali, V., Balavedhaa, S., & Gautham, S. (2024). A novel adaptive framework for immersive learning using VR in education. *Transforming education with virtual reality*, 1-26. **(Scopus)**
Dr. D. Chandrakala	• **Chandrakala D**, Gayathri M, Ifthika K, Shobha A, A Deep learning Aprroach On Cervical Spine Fracture Detection, International Journal of Novel Research and Development (IJNRD), Volume 8, Issue 6 June 2023, ISSN: 2456-4184. • **Chandrakala, D**. Pradeepa, P. Meyyammai, M. Mohamed, Aakil, S. (2023, August). Personality Trait-Aware Educational Suggestion Platform. International Journal of Computer Applications. 185(29), 46-54.

Book Chapter Publications:

Name	Publication
Dr. Sangeetha, S	• **Dr. Sangeetha, S**. published a book chapter titled "Privacy-Preserving Federated Learning for Healthcare Data." Privacy Preservation and Secured Data Storage in Cloud Computing, edited by Lakshmi D. and Amit Kumar Tyagi, IGI Global, 2023, pp. 178-196. https://doi.org/10.4018/979-8-3693-0593-5.ch008, **(Scopus)**.
P. Antony Seba	• Akshita Sakshi, J.V. Bibal Benifa, **P. Antony Seba***, "Supervised Learning Models for Diagnosing Severity of Cirrhosis Disease", CRC Press, Taylor & Francis **(Scopus)**
Dr. D. Sudharson	• Sudharson, D., Kailas, P. S., Vignesh, K., Senthilnathan, T., Poornima, V., & Vijay, S. (2023). Software Quality Prediction by CatBoostFeed-Forward Neural Network in Software Engineering. In *System Reliability and Security* (pp. 207-218). Auerbach Publications.