

Department of Computer Science and Engineering

Publication Data

- 1. Mehataj, M., P. Kanimozhi, and T. Ananth Kumar. "Social Media and Its Influence on Travel Decision-Making." In *Decoding Tourist Behavior in the Digital Era: Insights for Effective Marketing*, pp. 135-166. IGI Global, 2025.
- 2. Kumar, T. Ananth, A. Kathiravan, P. Kanimozhi, Sunday A. Ajagbe, K. Suresh Kumar, and R. Rajmohan. "Authentication and access control schemes in 5G-based healthcare systems." *Secure Big-data Analytics for Emerging Healthcare in 5G and Beyond: Concepts, Paradigms, and Solutions* (2024): 207.
- 3. Kanimozhi, P., I. Felcia Jerlin, T. Ananth Kumar, Christo Ananth, K. Mathusoothanan, and E. Preethi. "A Novel Technique for Detecting Concealed Malicious URLs within the Tor Network." In *2024 8th International Conference on Inventive Systems and Control (ICISC)*, pp. 513-518. IEEE, 2024.
- 4. Kanimozhi, P., P. JebaSanthiya, T. Ananth Kumar, Mohamed Inamul Hussain, Christo Ananth, and E. Preethi. "Revolutionizing Hearing Health: Mobile-based Audiometry Assessment Enhanced by Machine Learning Integration." In *2024 8th International Conference on Inventive Systems and Control (ICISC)*, pp. 60-66. IEEE, 2024.
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- 6. Kumar, T. Ananth, M. Nidya Thirshala, P. Kanimozhi, and Christo Ananth. "A Functional Gradient Boost Approach for Identifying Parkinson's Disease." In *Intelligent Technologies and Parkinson's Disease: Prediction and Diagnosis*, pp. 164-184. IGI Global, 2024.
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- 9. Kumar, T. Ananth, P. Kanimozhi, P. K. Dutta, and R. Sowmya. "Assessment of gradient classifier based approaches in advanced recommendation framework: uncovering limitations." In *7th IET Smart Cities Symposium (SCS 2023)*, vol. 2023, pp. 331-336. IET, 2023.
- 10. Kanimozhi, P., Muthukumaran Kannan, Christo Ananth, T. Ananth Kumar, and S. Parkavi. "Design of IoT Based Agricultural Farm Protector Drone Using Raspberry Pi." In *2023 6th International Conference on Contemporary Computing and Informatics (IC31)*, vol. 6, pp. 1175-1179. IEEE, 2023.



- 11. Kanimozhi, P., S. Parkavi, and T. Ananth Kumar. "Predicting Mortgage-Backed Securities Prepayment Risk Using Machine Learning Models." In 2023 2nd International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN), pp. 1-8. IEEE, 2023.
- 12. Parkavi, S., P. Kanimozhi, and T. Ananth Kumar. "Survey on Mortgage-Backed Securities Prepayment Risk Using Machine Learning Models." *Asian Journal of Applied Science and Technology (AJAST)* 7, no. 2 (2023): 08-14.
- 13. Kumar, T. Ananth, J. Ramapraba, P. Kanimozhi, and Sunday A. Ajagbe. "IOT based smart water quality monitoring system." (2023): 313-322.
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- 39. Ariffa Begum, S., N. Subbulakshmi, J. Vijayalakshmi, and T. Ananth Kumar. "Quantum-informed AI: precision caloric assessment for optimal health through advanced nutrition analysis in lifestyle management."
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