

**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI**  
**DEPARTMENT OF APPLIED MATHEMATICS AND COMPUTATIONAL SCIENCE**  
**Integrated M.Sc (Data Science - 5 Years) Programme**  
**Publications 2021-2022**

**Journals**

1. Parthasarathy, S., & Daneva, M. (2021). A requirements engineering framework for software startup companies. *Journal of Database Management (JDM)*, 32(3), 69-94 **WoS, Q2**.
2. Sridevi, S., Parthasarathy, S., Chandrakumar, T., & Rajaram, S. (2021). A novel framework for forecasting time series data based on fuzzy logic and variants of hidden Markov model. *International Journal of Business Intelligence and Data Mining*, 19(3), 304-318 **Scopus, Q3**.
3. Parthasarathy, S. (2022). A decision framework for software startups to succeed in COVID-19 environment. *Decision Analytics Journal*, 3, 100037 **Scopus**.
4. Thangavel, C., Thangavel, R., Ramanujam, E., Bennet, D. T., & Bennet, P. S. (2022). Consumer Perception of Internet Banking and Mobile Banking Using Twitter Analytics. *International Journal of Sociotechnology and Knowledge Development (IJSKD)*, 14(1), 1-14 **Scopus, Q3**.
5. Parthasarathy, S., & Kar, A. K. (2022). Implementing cognitive automation for employee management in Ganitec University of Science and Technology. *Journal of Information Technology Teaching Cases*, 12(1), 16-22 **Scopus, Q2**.
6. Sridharan, C., & Parthasarathy, S. (2022). A Simplified Alternate Approach to Estimate Software Size of Startups. *International Arab Journal of Information Technology*, 19(4), 674-680 **WoS, Q3**.