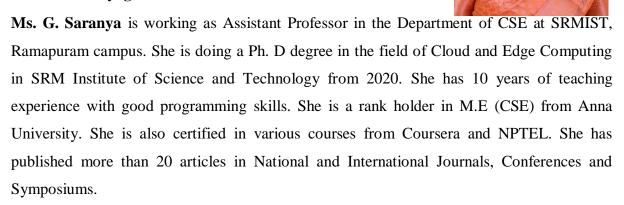
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Area of Research:

Cloud Computing, Artificial Intelligence, Machine Learning

Selected Publications:

- Saranya, G., Sasikala, E. An efficient computational offloading framework using HAA optimization-based deep reinforcement learning in edge-based cloud computing architecture. Knowl Inf Syst 65, 409–433 (2023). https://doi.org/10.1007/s10115-022-01746-w
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- G. Saranya, D. Sarkar, S. Ghosh, L. Basu, K. Kumaran and N. Ananthi, "Face Mask Detection using CNN," 2021 10th IEEE International Conference on Communication Systems and Network Technologies (CSNT), Bhopal, India, 2021, pp. 426-431, doi: 10.1109/CSNT51715.2021.9509556.
- 6. G. Saranya, D. Chandrasekaran, M. D. Sre and M. Sathiyanarayanan, "Predicting Abnormal User Behaviour Patterns in Social Media Platforms based on Process Mining," 2023 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE), Bengaluru, India, 2023, pp. 204-209, doi: 10.1109/IITCEE57236.2023.10091025.
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- 8. Ananthi, N., Kumaran, K., Saranya, G., Khanam, U.K., Raja, K. "Gender neutral smart security device" AIP Conference Proceedings 2405, 030025 (2022) https://doi.org/10.1063/5.0073017

Patents:

- **1.** Iot Based Automated Toll Tax Collection System. 32/19012022, Publication Date: 04/02/2022.
- 2. Multipurpose Smart Helmet. 379301-001, Publication Date: 10/02/2023.

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