



Sameer Mohamed Thahir

Assistant Professor

Department of Computer Science and Engineering
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Educational Background

- M.Tech in Computer Science and Engineering from Department of Computer Science, Cochin University of Science and Technology (2012)
- B.Tech in Computer Science and Engineering from School of Engineering, Cochin University of Science and Technology (2004)

Professional Experience

- 8.5 years of Software Industry experience.
- 6 years of experience as Assistant Professor in private and govt. engineering colleges

Area of Interest

- Cyber Physical Systems
- Embedded Systems
- Internet of Things
- Edge AI
- Reinforcement learning

Area of Expertise

- Software Engineering
- Embedded Systems

- Programming (C,C++,Python)
 - Microcontroller/Microprocessor/RTOS
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Publications

- **Thahir, S. M.**, Kumar, G. S., & Jereesh, A. S. (2026, April 21). Bridging BPMN and edge-IoT: A reactor-based architecture for real-time, AI-driven workflow orchestration. doi:10.1016/j.sysarc.2026.103807

Conference Proceedings

- Saadat, N. G., **Thahir, S. M.**, G, S. K., & S, J. A. (2022). Lgcm: A communication-efficient scheme for federated learning in edge devices. In Proceedings of the IEEE Indicon 2022 International Conference, Kochi, Kerala, India, 24-26 November 2022, IEEE.
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Hobbies

- Tinkering
- Cooking

For professional inquiries or collaborations, contact via email:
s a m e e r . t h a h i r @ g m a i l . c o m